

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081815\
 Data File : BG018458.D
 Acq On : 18 Aug 2015 11:04
 Operator : UM/MA
 Sample : MDL-02-S
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-02-S-ML

Quant Time: Aug 19 00:54:48 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 19 00:53:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	113422	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	511979	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	322848	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.38	188	823382	20.00	ng/ul	0.00
78) Chrysene-d12	21.64	240	842377	20.00	ng/ul	0.00
86) Perylene-d12	24.84	264	827910	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	16858	6.57	ng/uL	0.00
5) Phenol-d5	7.17	99	352184	34.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	225643	35.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	265429	33.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	300000	34.69	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	145408	36.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.90	143	147287	36.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	281123	32.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	408075	41.86	ng/ul	0.00
44) Dimethylphthalate-d6	14.05	166	968053	35.64	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	1183186	34.59	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	199091	40.75	ng/ul	0.00
58) Fluorene-d10	15.63	176	848118	35.85	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	142513	35.19	ng/ul	0.00
71) Anthracene-d10	17.48	188	1386308	35.20	ng/ul	0.00
79) Pyrene-d10	19.76	212	1536024	35.15	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.62	264	1633247	37.16	ng/ul	0.00

Target Compounds

					Qvalue
4) Benzaldehyde	7.15	77	23107	3.83 ng/ul	97
6) Phenol	7.20	94	30041	2.86 ng/ul	97
8) Bis(2-Chloroethyl)ether	7.43	93	26060	3.23 ng/ul	98
10) 2-Chlorophenol	7.58	128	22955	2.86 ng/ul	96
11) 2-Methylphenol	8.45	108	21814	2.68 ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.55	45	33779	2.61 ng/ul#	92
14) Acetophenone	8.84	105	41400	3.31 ng/ul#	88
15) N-Nitroso-di-n-propylamine	8.82	70	23545	3.28 ng/ul	93
16) 4-Methylphenol	8.78	108	24889	2.80 ng/ul	89
17) Hexachloroethane	9.10	117	10383	3.00 ng/ul	97
20) Nitrobenzene	9.22	77	31736	3.15 ng/ul#	95
21) Isophorone	9.74	82	62997	3.25 ng/ul	95
23) 2-Nitrophenol	9.93	139	13870	3.07 ng/ul	92
24) 2,4-Dimethylphenol	9.98	107	28437	2.81 ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.22	93	36794	3.05 ng/ul	97
27) 2,4-Dichlorophenol	10.46	162	23668	2.93 ng/ul#	67
28) Naphthalene	10.87	128	82907	3.06 ng/ul	97
30) 4-Chloroaniline	10.97	127	38151	3.85 ng/ul	92
31) Hexachlorobutadiene	11.16	225	15325	3.00 ng/ul	98
33) 4-Chloro-3-methylphenol	12.09	107	27069	2.89 ng/ul	94
34) 2-Methylnaphthalene	12.47	142	61624	3.14 ng/ul	90
37) 1,2,4,5-Tetrachlorobenzene	12.84	216	30945	2.99 ng/ul	94
38) Hexachlorocyclopentadiene	12.83	237	15856	2.57 ng/ul	97

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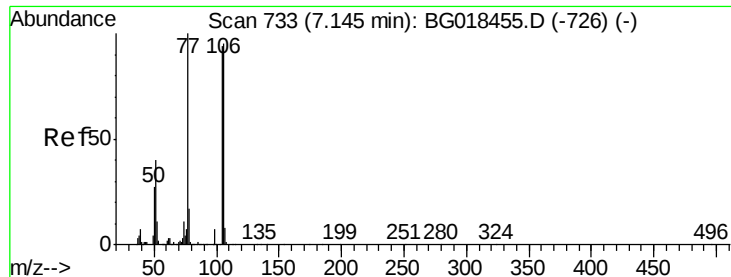
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) 2,4,6-Trichlorophenol	13.08	196	18811	2.67	ng/ul#	85
40) 2,4,5-Trichlorophenol	13.14	196	19429	2.56	ng/ul	96
41) 1,1'-Biphenyl	13.48	154	83697	3.11	ng/ul	90
42) 2-Chloronaphthalene	13.52	162	65158	3.11	ng/ul	96
43) 2-Nitroaniline	13.71	65	19162	2.84	ng/ul#	58
45) Dimethylphthalate	14.09	163	86152	3.22	ng/ul#	96
46) 2,6-Dinitrotoluene	14.21	165	15505	2.91	ng/ul#	96
48) Acenaphthylene	14.37	152	110137	3.21	ng/ul	96
49) 3-Nitroaniline	14.54	138	19803	3.64	ng/ul#	87
50) Acenaphthene	14.71	153	74978	3.12	ng/ul	97
51) 2,4-Dinitrophenol	14.74	184	5645	2.17	ng/ul	92
53) 4-Nitrophenol	14.84	109	14182	3.34	ng/ul#	65
54) Dibenzofuran	15.03	168	105276	3.35	ng/ul	98
55) 2,4-Dinitrotoluene	14.99	165	23895	3.14	ng/ul#	93
56) 2,3,4,6-Tetrachlorophenol	15.26	232	18531	2.81	ng/ul	97
57) Diethylphthalate	15.45	149	95851	3.37	ng/ul	98
59) Fluorene	15.69	166	88319	3.26	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.68	204	40830	3.19	ng/ul	98
61) 4-Nitroaniline	15.69	138	20419	3.40	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.76	198	13447	3.11	ng/ul#	80
65) N-Nitrosodiphenylamine	15.89	169	76709	3.10	ng/ul	87
66) 4-Bromophenyl-phenylether	16.57	248	27307	3.07	ng/ul#	87
67) Hexachlorobenzene	16.69	284	29518	3.13	ng/ul#	90
68) Atrazine	16.83	200	30203	3.26	ng/ul	97
69) Pentachlorophenol	17.03	266	13709	2.17	ng/ul#	81
70) Phenanthrene	17.43	178	148636	3.33	ng/ul	100
72) Anthracene	17.51	178	154594	3.40	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.44	216	29461	2.59	ng/uL	91
74) Pentachlorobenzene	14.96	250	29848	2.74	ng/uL	95
75) Carbazole	17.78	167	142371	3.57	ng/ul	97
76) Di-n-butylphthalate	18.34	149	185192	3.55	ng/ul	98
77) Fluoranthene	19.43	202	186320	3.91	ng/ul	97
80) Pyrene	19.79	202	196380	3.45	ng/ul	99
81) Butylbenzylphthalate	20.68	149	75597	3.14	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.54	252	60890	3.48	ng/ul	97
83) Benzo(a)anthracene	21.62	228	174810	3.35	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.54	149	107440	3.16	ng/ul	100
85) Chrysene	21.69	228	160832	3.29	ng/ul	95
87) Di-n-octyl phthalate	22.75	149	190866	3.57	ng/ul	100
88) Benzo(b)fluoranthene	23.82	252	163438	3.14	ng/ul	96
89) Benzo(k)fluoranthene	23.89	252	163110	3.26	ng/ul	97
91) Benzo(a)pyrene	24.69	252	158506	3.20	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.47	276	172809	3.02	ng/ul#	92
93) Dibenzo(a,h)anthracene	28.53	278	152844	3.22	ng/ul	97
94) Benzo(g,h,i)perylene	29.61	276	150390	3.13	ng/ul	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#4

Benzaldehyde

Concen: 3.83 ng/ul

RT: 7.15 min Scan# 734

Delta R.T. 0.00 min

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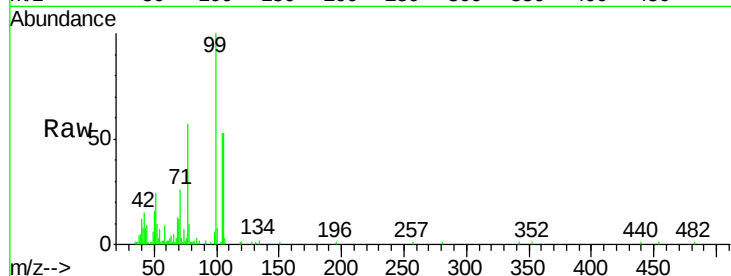
Tgt Ion: 77 Resp: 23107

Ion Ratio Lower Upper

77 100

105 93.5 78.2 117.2

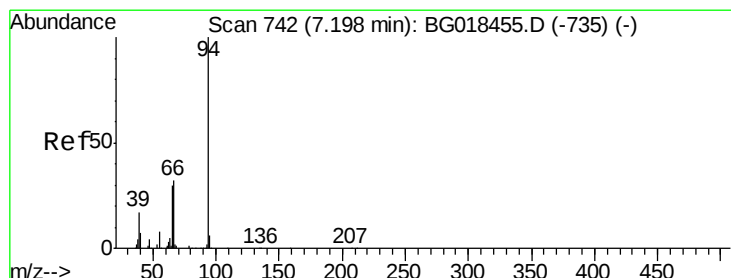
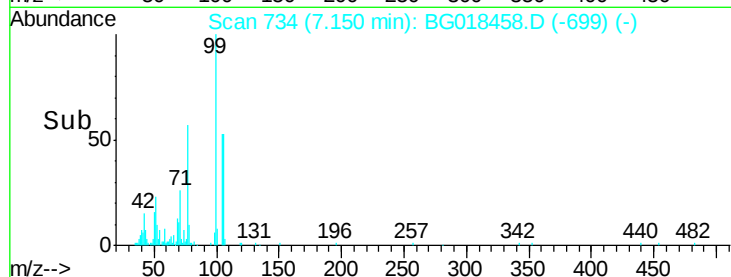
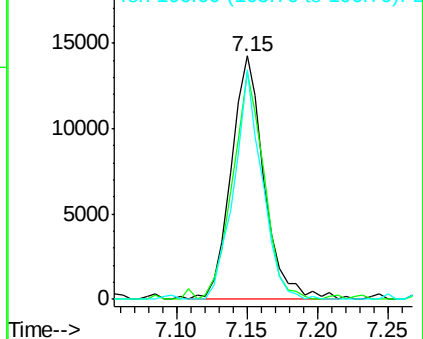
106 94.3 76.8 115.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#6

Phenol

Concen: 2.86 ng/ul

RT: 7.20 min Scan# 742

Delta R.T. -0.00 min

Lab File: BG018458.D

Acq: 18 Aug 2015 11:04

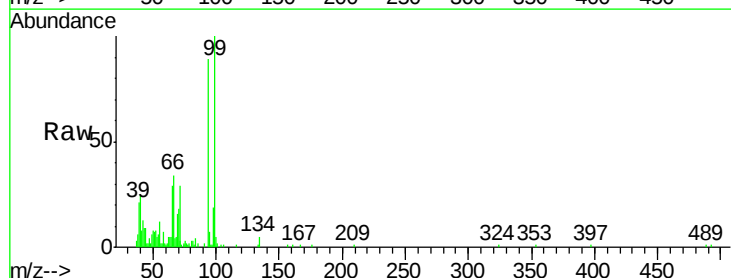
Tgt Ion: 94 Resp: 30041

Ion Ratio Lower Upper

94 100

65 32.1 23.0 34.6

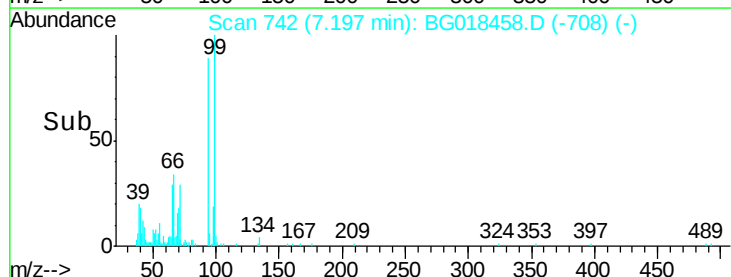
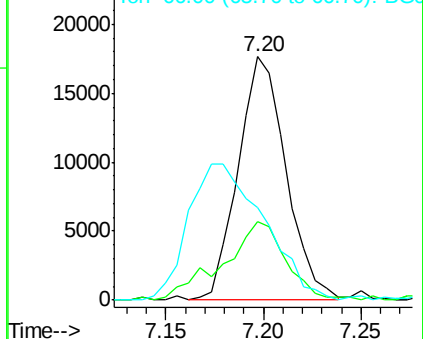
66 38.0 31.0 46.4

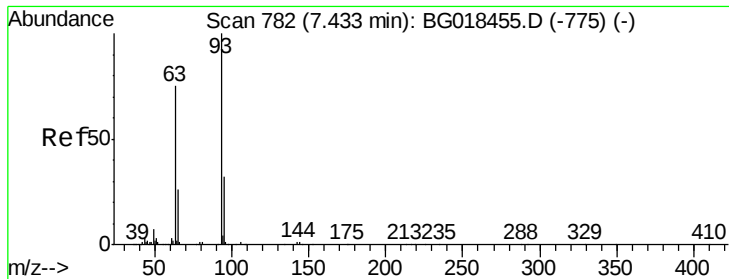


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#8

Bis(2-Chloroethyl)ether

Concen: 3.23 ng/ul

RT: 7.43 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG018458.D

Acq: 18 Aug 2015 11:04

Instrument :

BNA_G

ClientSampleId :

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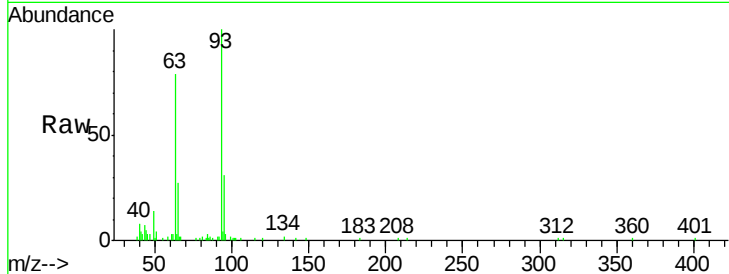
Tgt Ion: 93 Resp: 26060

Ion Ratio Lower Upper

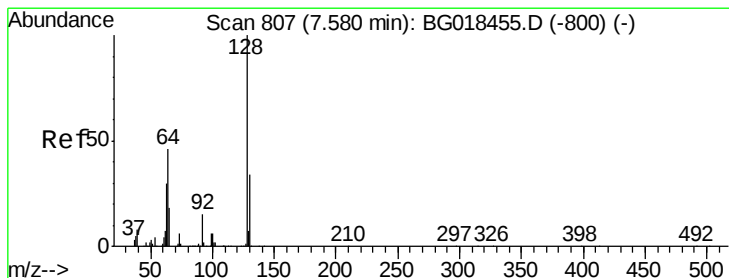
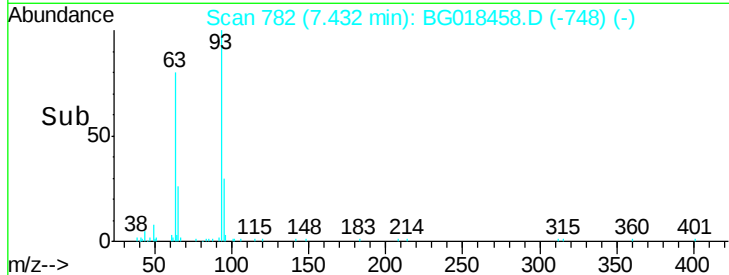
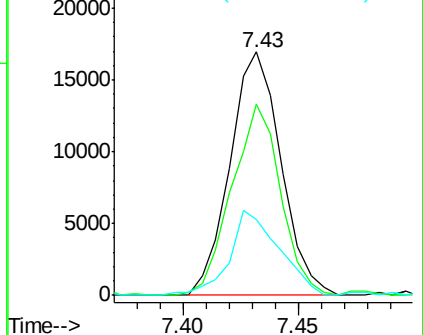
93 100

63 78.7 61.4 92.2

95 31.4 25.9 38.9



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#10

2-Chlorophenol

Concen: 2.86 ng/ul

RT: 7.58 min Scan# 807

Delta R.T. -0.00 min

Lab File: BG018458.D

Acq: 18 Aug 2015 11:04

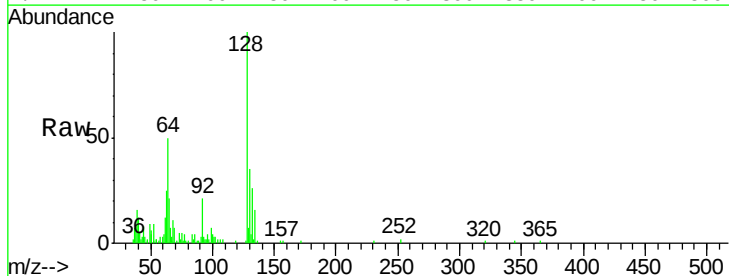
Tgt Ion: 128 Resp: 22955

Ion Ratio Lower Upper

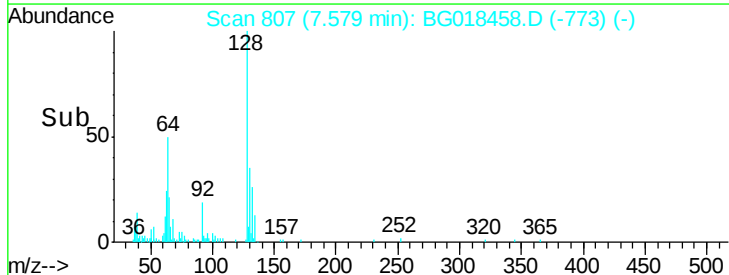
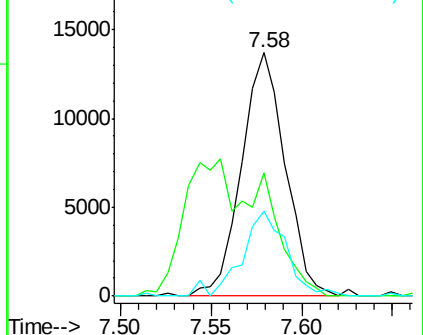
128 100

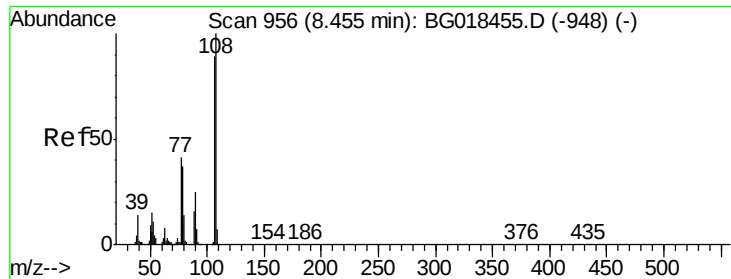
64 50.4 40.9 61.3

130 35.1 24.5 36.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 130.00 (129.70 to 130.70): E

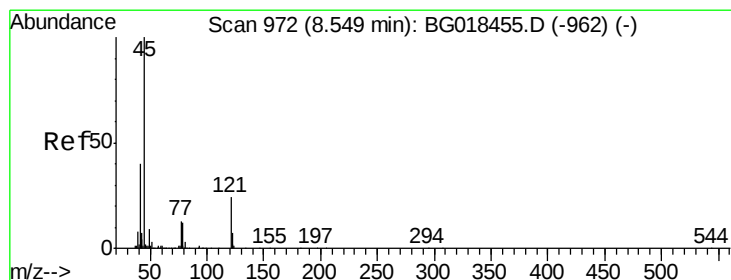
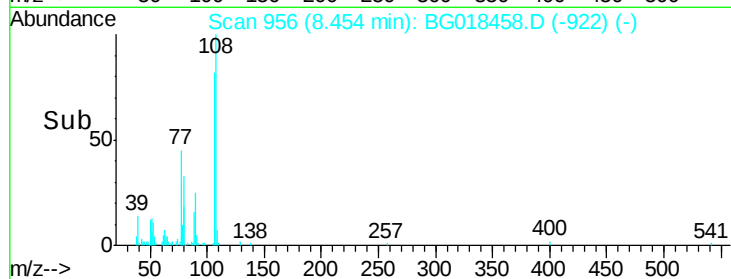
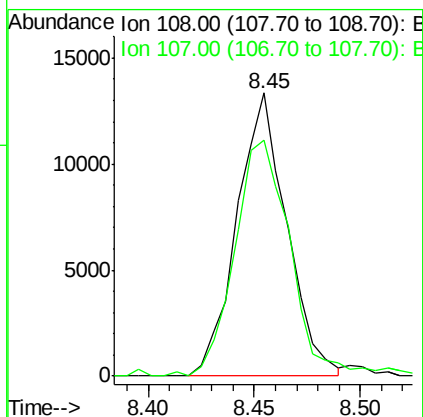
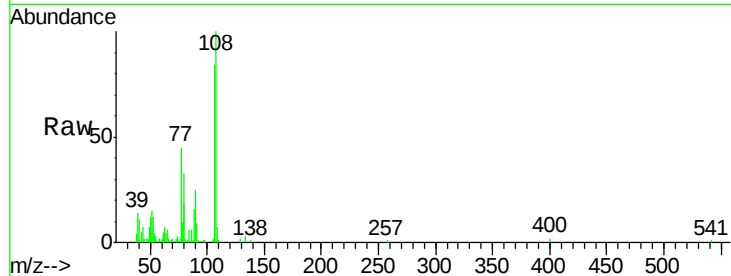




#11
 2-Methylphenol
 Concen: 2.68 ng/ul
 RT: 8.45 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: BG018458.D
 Acq: 18 Aug 2015 11:04

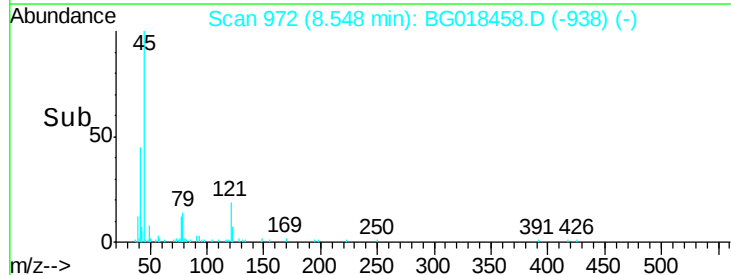
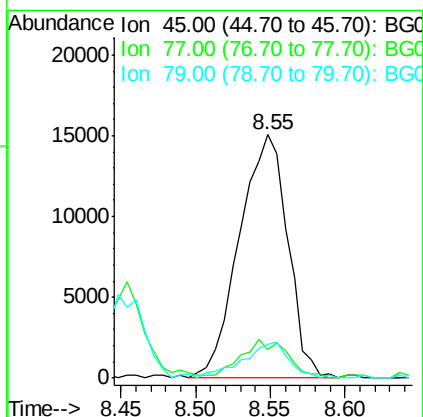
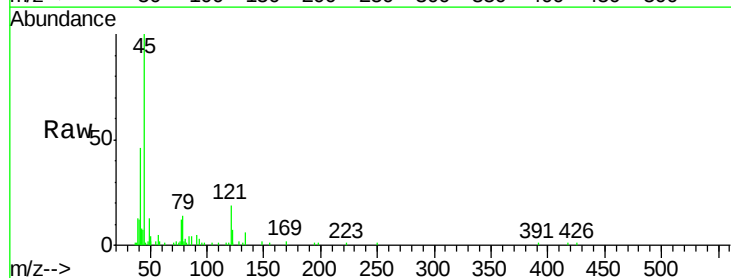
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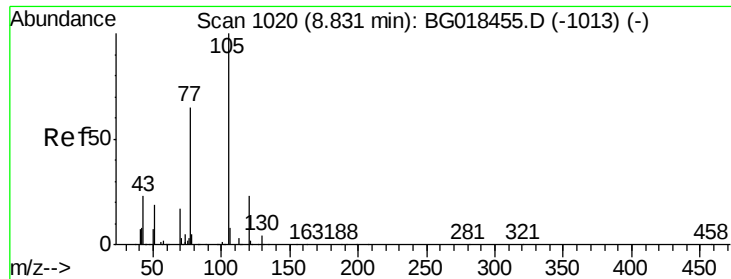
Tgt Ion: 108 Resp: 21814
 Ion Ratio Lower Upper
 108 100
 107 83.6 72.1 108.1



#12
 2,2'-oxybis(1-Chloropropane)
 Concen: 2.61 ng/ul
 RT: 8.55 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: BG018458.D
 Acq: 18 Aug 2015 11:04

Tgt Ion: 45 Resp: 33779
 Ion Ratio Lower Upper
 45 100
 77 11.6 11.3 16.9
 79 13.7 7.8 11.8#

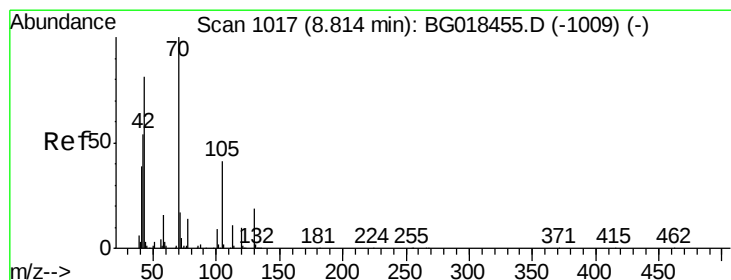
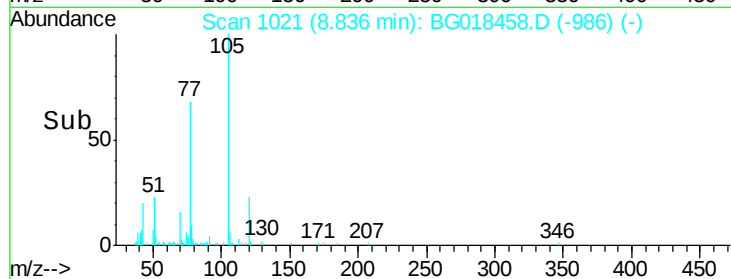
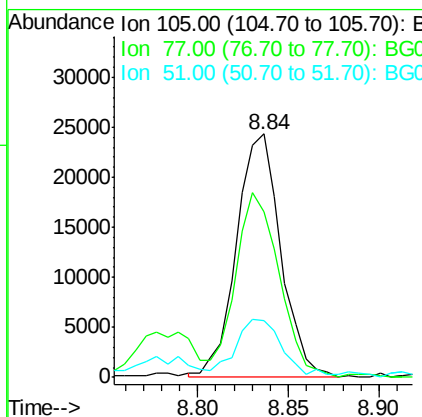
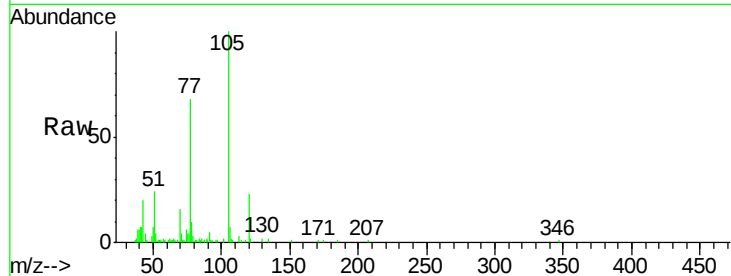




#14
Acetophenone
Concen: 3.31 ng/ul
RT: 8.84 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG018458.D
Acq: 18 Aug 2015 11:04

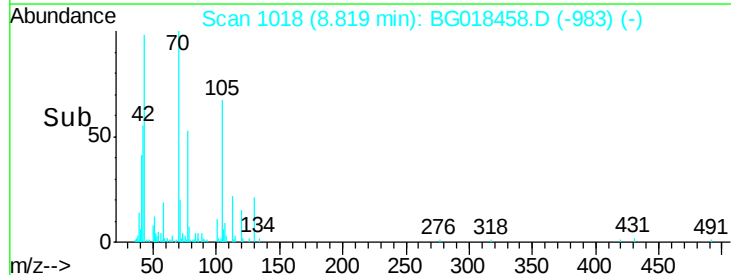
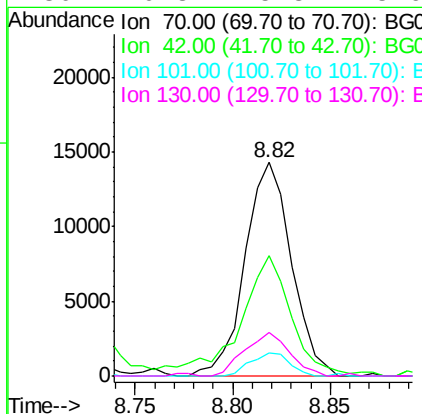
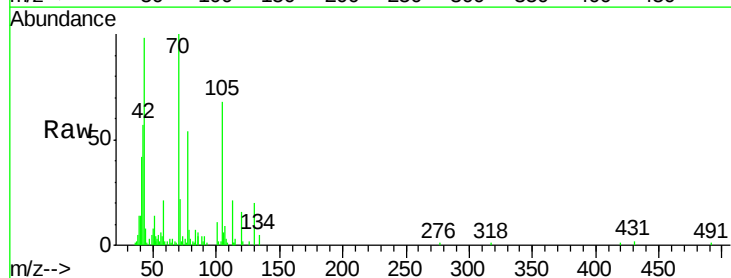
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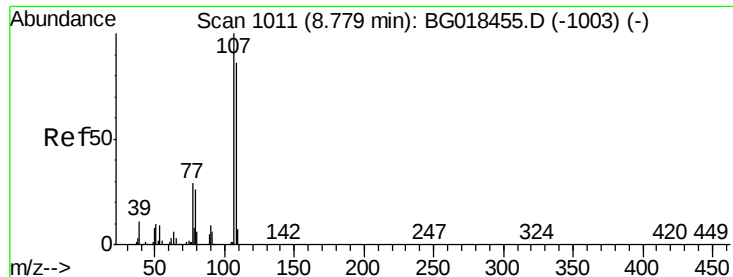
Tgt Ion: 105 Resp: 41400
Ion Ratio Lower Upper
105 100
77 68.3 61.9 92.9
51 23.5 25.5 38.3#



#15
N-Nitroso-di-n-propylamine
Concen: 3.28 ng/ul
RT: 8.82 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BG018458.D
Acq: 18 Aug 2015 11:04

Tgt Ion: 70 Resp: 23545
Ion Ratio Lower Upper
70 100
42 56.6 50.7 76.1
101 10.9 7.4 11.2
130 20.3 15.8 23.6

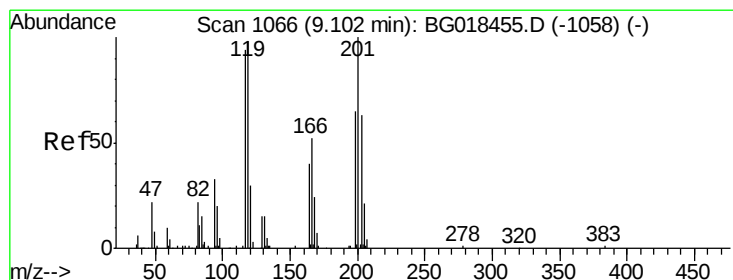
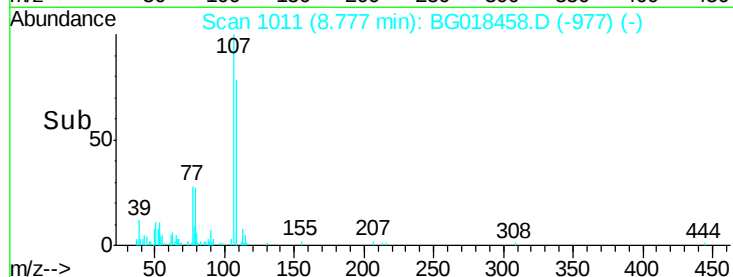
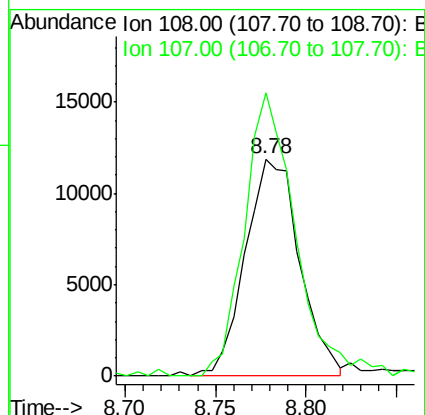
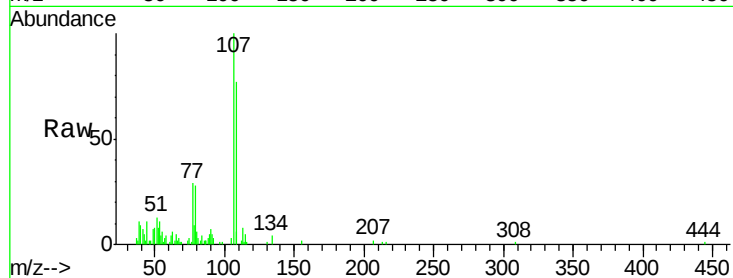




#16
4-Methylphenol
Concen: 2.80 ng/ul
RT: 8.78 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BG018458.D
Acq: 18 Aug 2015 11:04

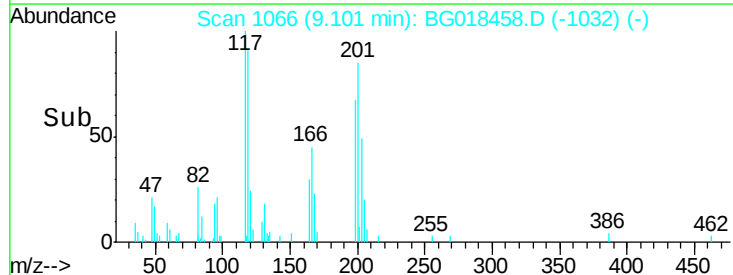
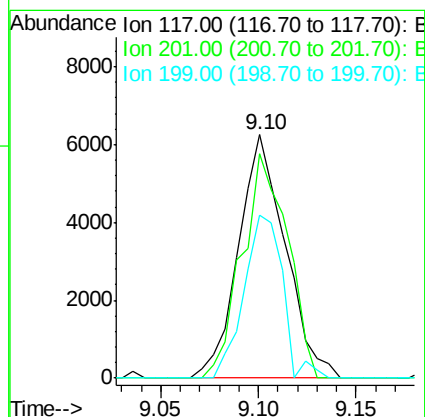
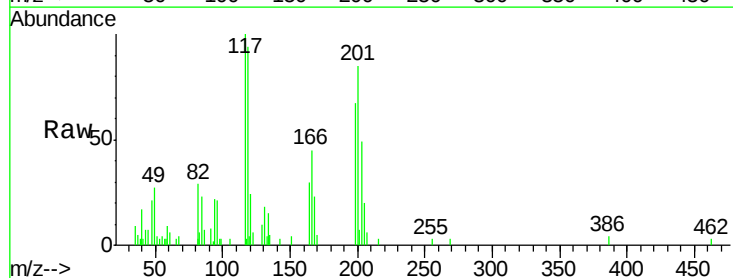
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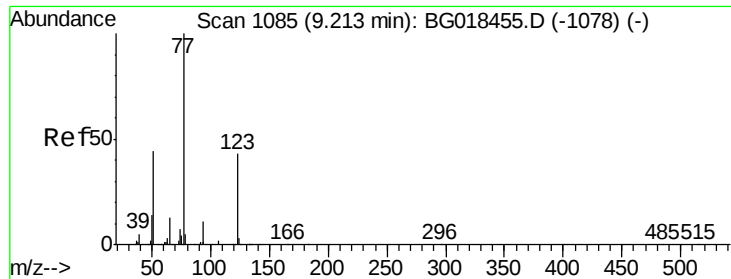
Tgt Ion:108 Resp: 24889
Ion Ratio Lower Upper
108 100
107 130.5 94.6 142.0



#17
Hexachloroethane
Concen: 3.00 ng/ul
RT: 9.10 min Scan# 1066
Delta R.T. -0.00 min
Lab File: BG018458.D
Acq: 18 Aug 2015 11:04

Tgt Ion:117 Resp: 10383
Ion Ratio Lower Upper
117 100
201 92.1 73.6 110.4
199 67.0 48.6 72.8

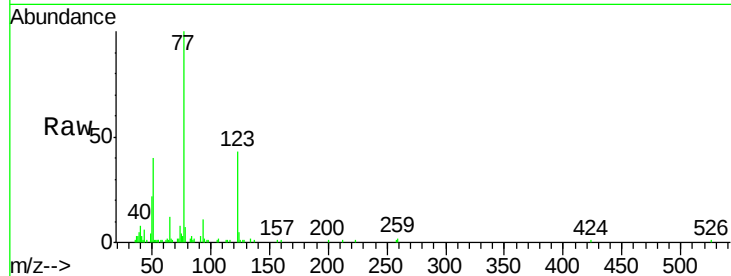




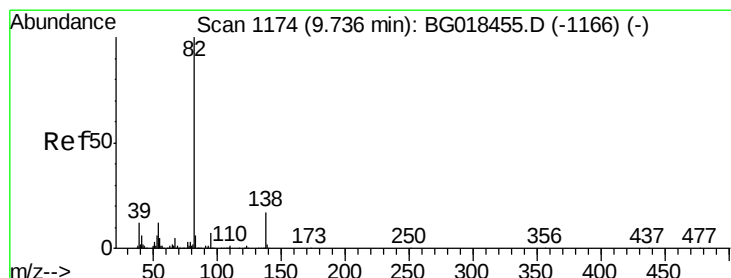
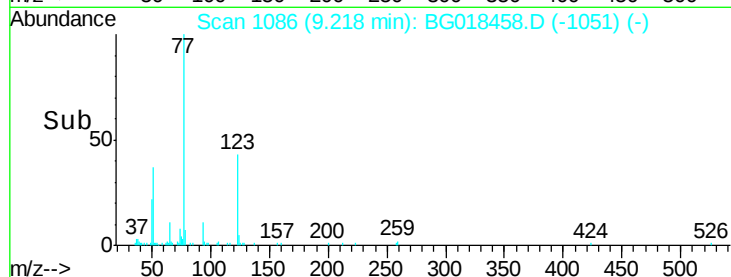
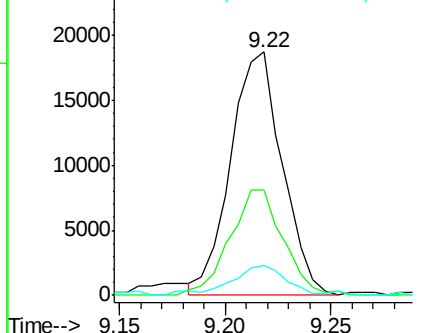
#20
 Nitrobenzene
 Concen: 3.15 ng/ul
 RT: 9.22 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: BG018458.D
 Acq: 18 Aug 2015 11:04

Instrument :
 BNA_G
 ClientSampleId :
 MDL-02-S-ML

Tgt Ion: 77 Resp: 31736
 Ion Ratio Lower Upper
 77 100
 123 43.1 32.8 49.2
 65 12.0 12.2 18.2#

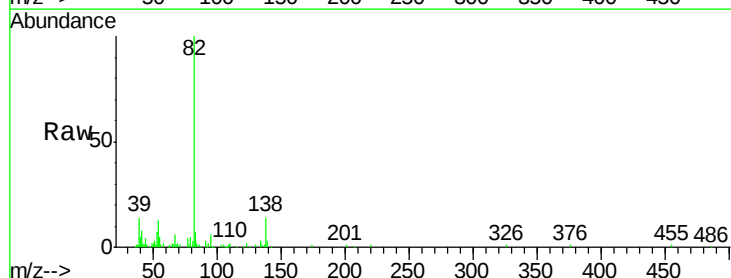


Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC

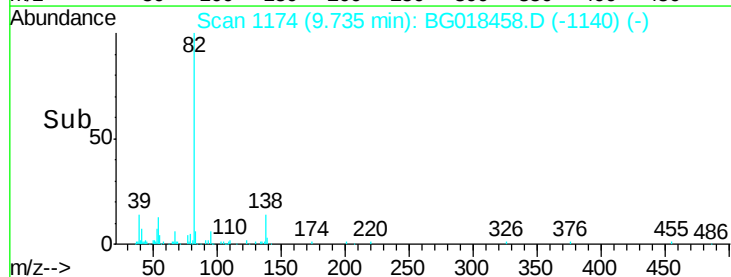
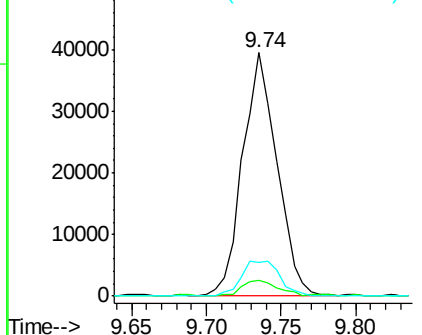


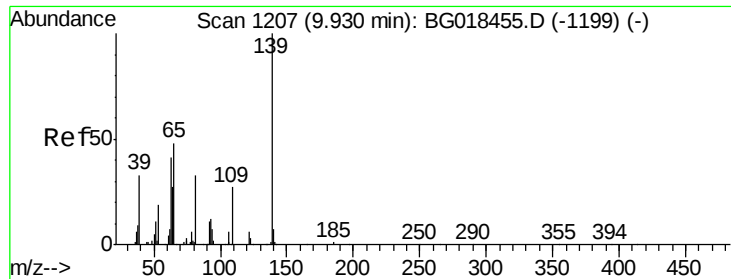
#21
 Isophorone
 Concen: 3.25 ng/ul
 RT: 9.74 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: BG018458.D
 Acq: 18 Aug 2015 11:04

Tgt Ion: 82 Resp: 62997
 Ion Ratio Lower Upper
 82 100
 95 6.5 5.2 7.8
 138 14.0 13.8 20.8



Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 138.00 (137.70 to 138.70): BGC

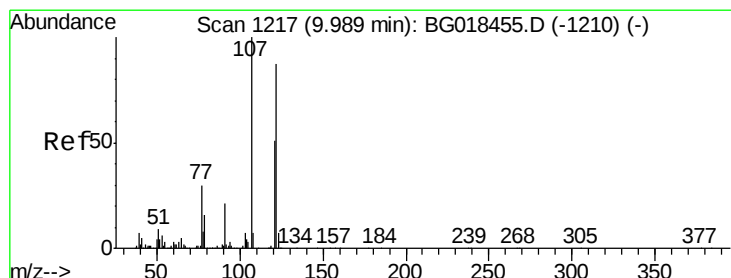
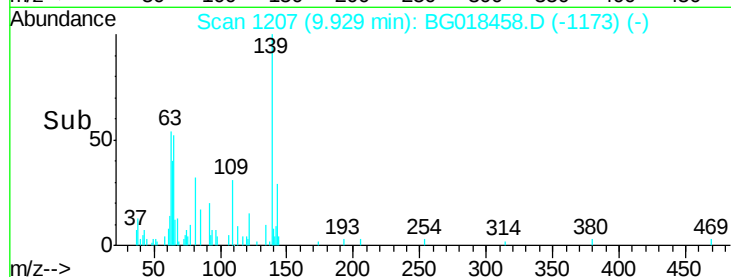
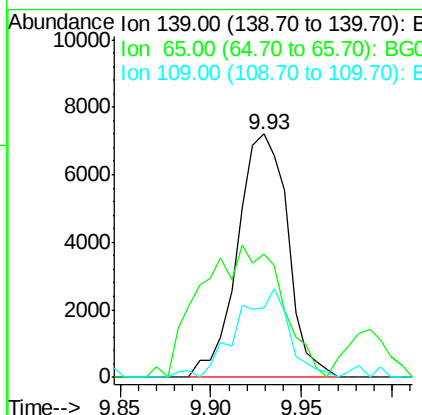
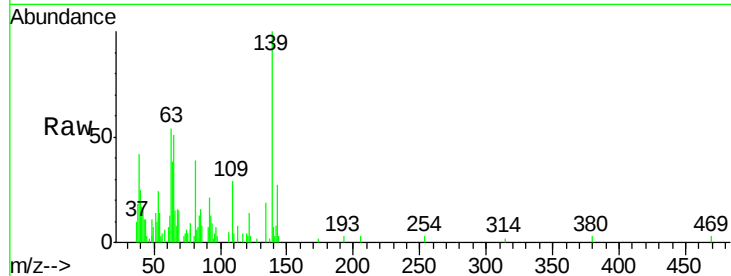




#23
 2-Nitrophenol
 Concen: 3.07 ng/ul
 RT: 9.93 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BG018458.D
 Acq: 18 Aug 2015 11:04

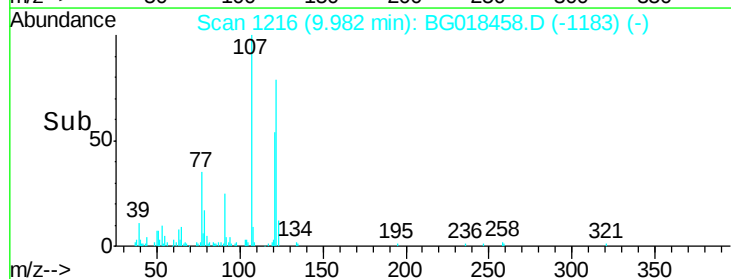
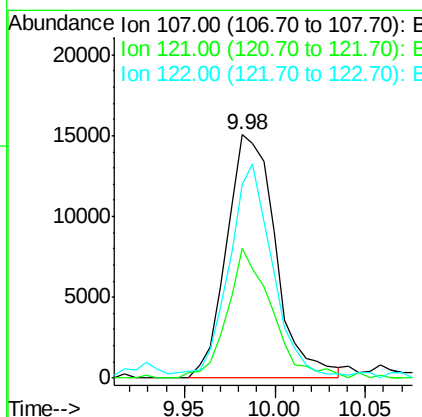
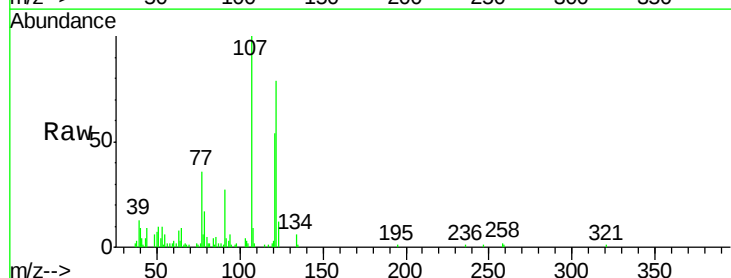
Instrument :
 BNA_G
 ClientSampleId :
 MDL-02-S-ML

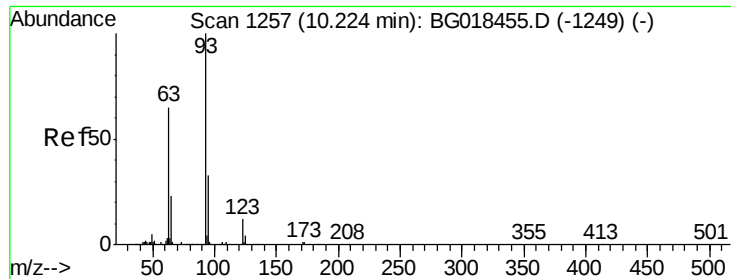
Tgt Ion:139 Resp: 13870
 Ion Ratio Lower Upper
 139 100
 65 50.7 45.6 68.4
 109 28.7 25.4 38.2



#24
 2,4-Dimethylphenol
 Concen: 2.81 ng/ul
 RT: 9.98 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BG018458.D
 Acq: 18 Aug 2015 11:04

Tgt Ion:107 Resp: 28437
 Ion Ratio Lower Upper
 107 100
 121 53.5 41.3 61.9
 122 79.5 71.9 107.9





#25

Bis(2-Chloroethoxy)methane

Concen: 3.05 ng/ul

RT: 10.22 min Scan# 1257

Delta R.T. -0.00 min

Lab File: BG018458.D

Acq: 18 Aug 2015 11:04

Instrument :

BNA_G

ClientSampleId :

MDL-02-S-ML

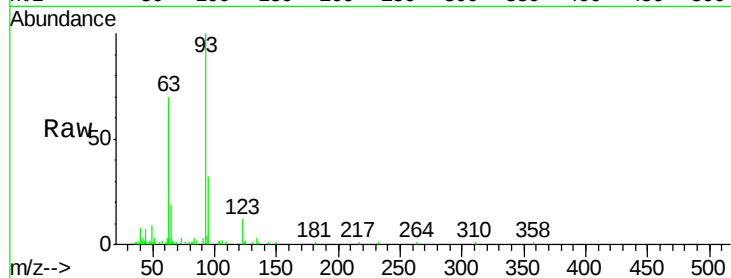
Tgt Ion: 93 Resp: 36794

Ion Ratio Lower Upper

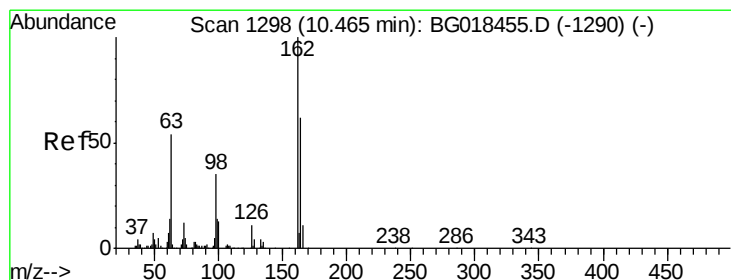
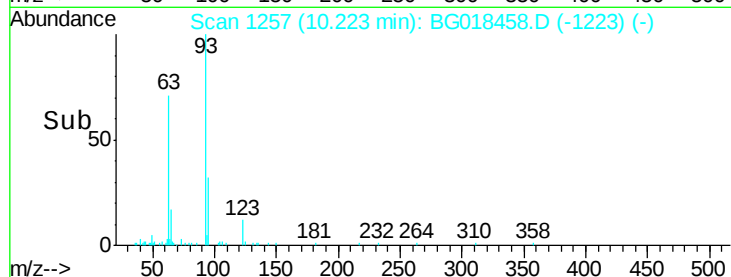
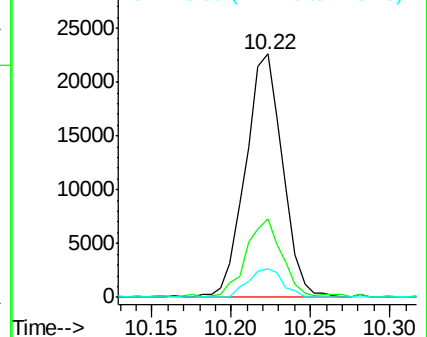
93 100

95 32.1 24.1 36.1

123 11.5 8.9 13.3



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): BGC



#27

2,4-Dichlorophenol

Concen: 2.93 ng/ul

RT: 10.46 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BG018458.D

Acq: 18 Aug 2015 11:04

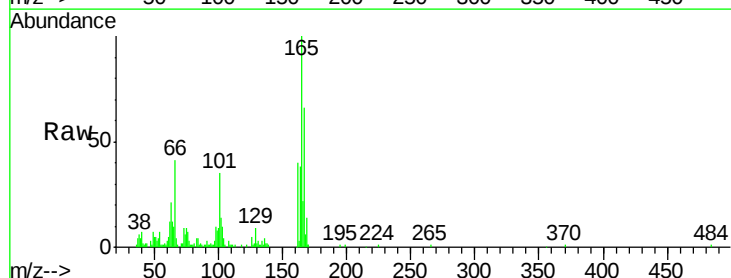
Tgt Ion: 162 Resp: 23668

Ion Ratio Lower Upper

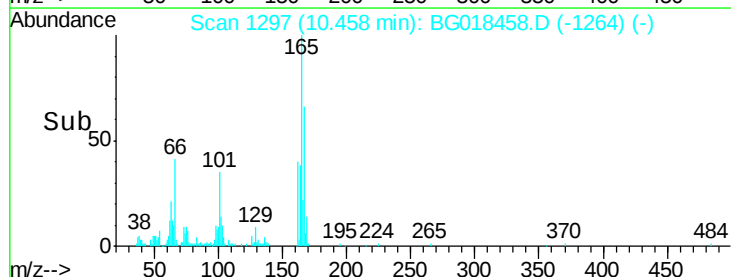
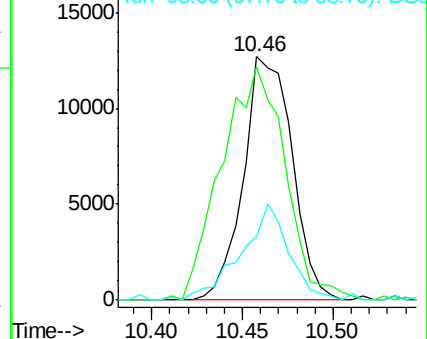
162 100

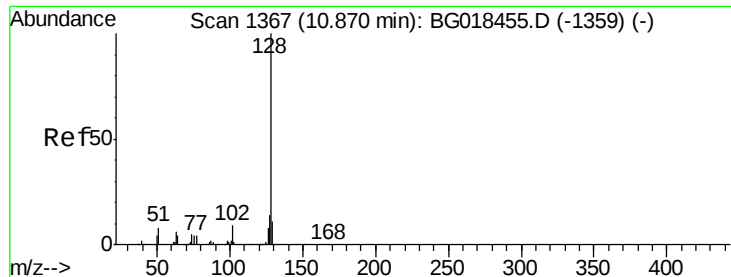
164 95.9 51.7 77.5#

98 25.7 30.4 45.6#



Abundance Ion 162.00 (161.70 to 162.70): BGC
Ion 164.00 (163.70 to 164.70): BGC
Ion 98.00 (97.70 to 98.70): BGC





#28

Naphthalene

Concen: 3.06 ng/ul

RT: 10.87 min Scan# 1367

Delta R.T. -0.00 min

Lab File: BG018458.D

Acq: 18 Aug 2015 11:04

Instrument :

BNA_G

ClientSampleId :

MDL-02-S-ML

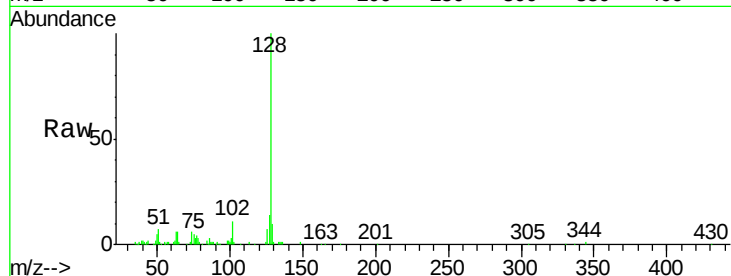
Tgt Ion:128 Resp: 82907

Ion Ratio Lower Upper

128 100

129 10.5 9.6 14.4

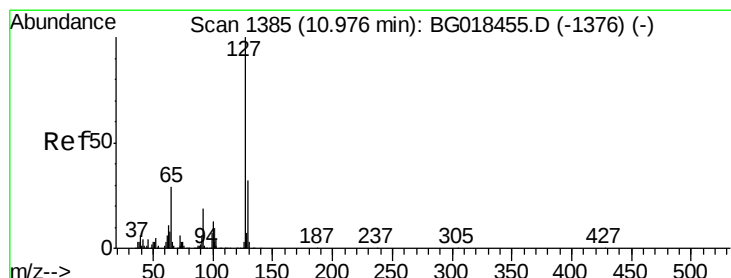
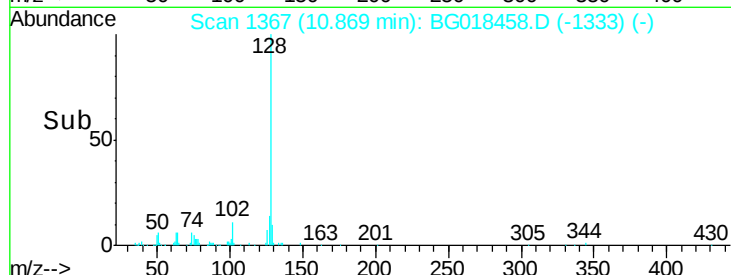
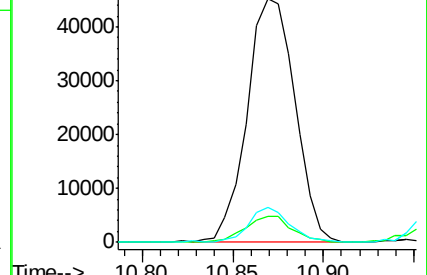
127 14.2 10.5 15.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#30

4-Chloroaniline

Concen: 3.85 ng/ul

RT: 10.97 min Scan# 1385

Delta R.T. -0.00 min

Lab File: BG018458.D

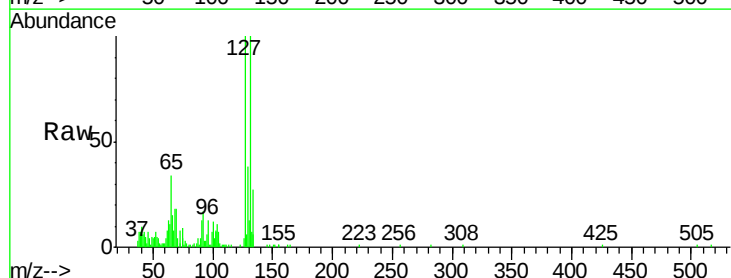
Acq: 18 Aug 2015 11:04

Tgt Ion:127 Resp: 38151

Ion Ratio Lower Upper

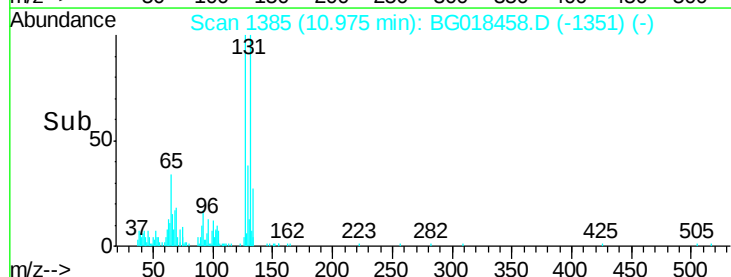
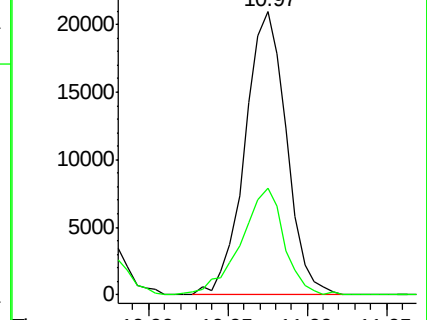
127 100

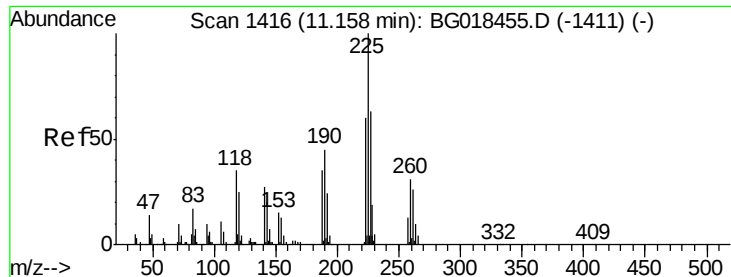
129 37.9 26.7 40.1



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E





#31

Hexachlorobutadiene

Concen: 3.00 ng/ul

RT: 11.16 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BG018458.D

Acq: 18 Aug 2015 11:04

Instrument :

BNA_G

ClientSampleId :

MDL-02-S-ML

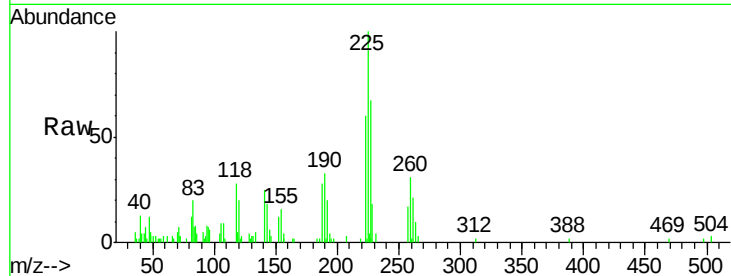
Tgt Ion: 225 Resp: 15325

Ion Ratio Lower Upper

225 100

223 59.8 45.8 68.8

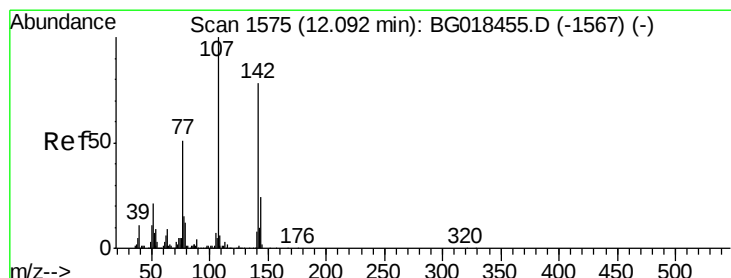
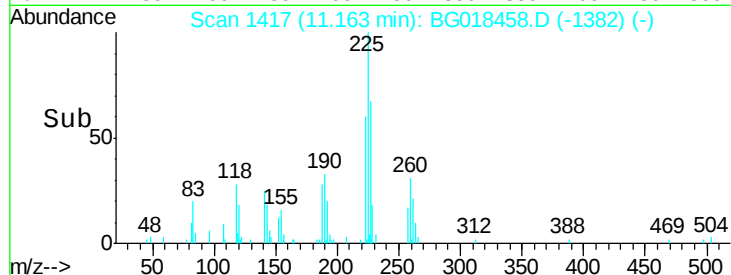
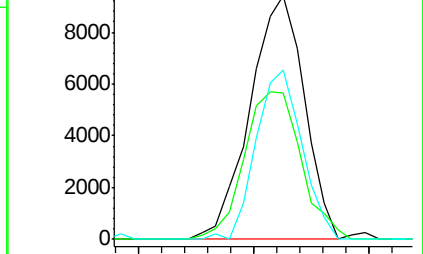
227 66.9 54.0 81.0



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#33

4-Chloro-3-methylphenol

Concen: 2.89 ng/ul

RT: 12.09 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BG018458.D

Acq: 18 Aug 2015 11:04

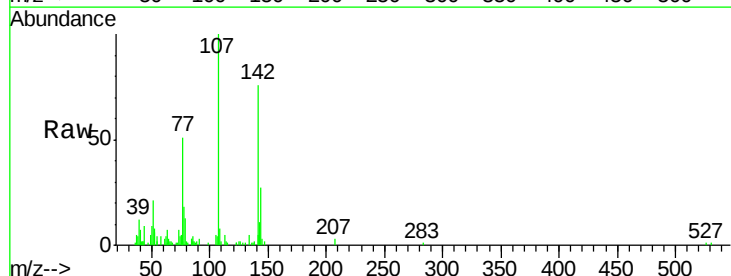
Tgt Ion: 107 Resp: 27069

Ion Ratio Lower Upper

107 100

144 26.5 21.4 32.2

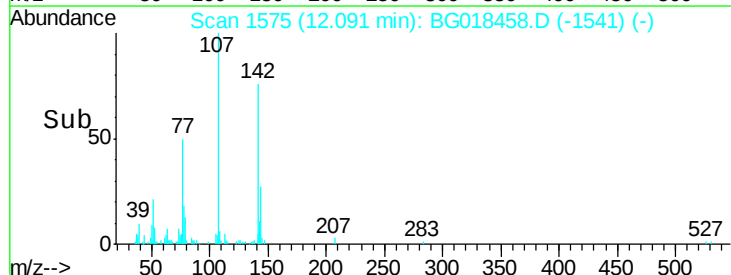
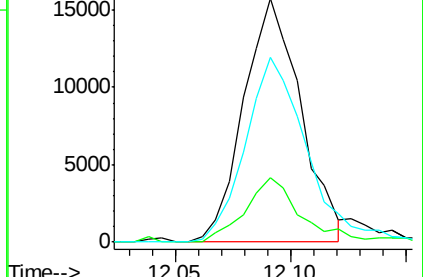
142 75.9 66.0 99.0

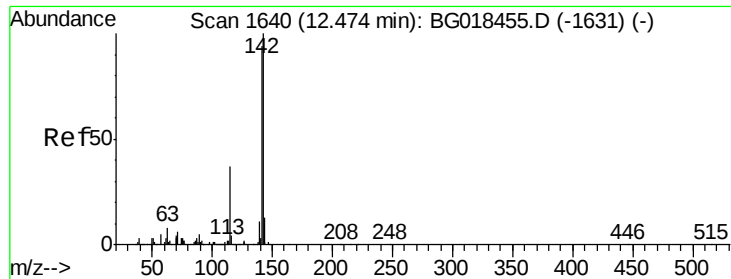


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

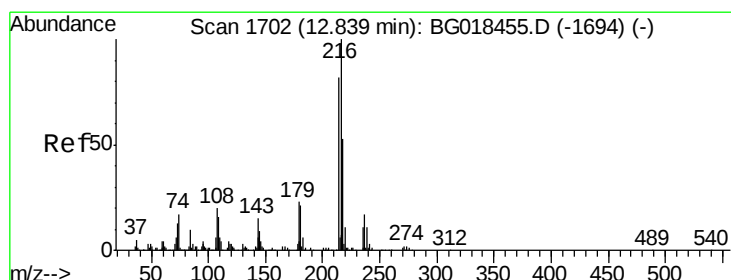
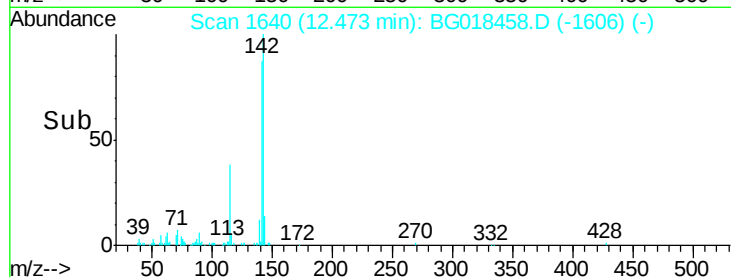
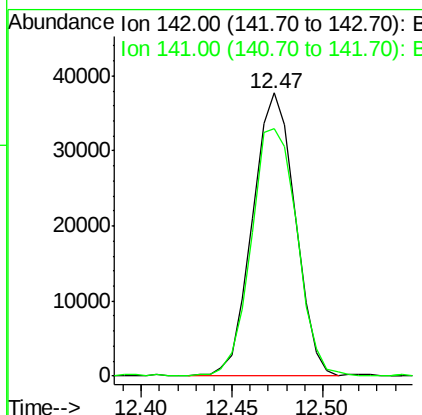
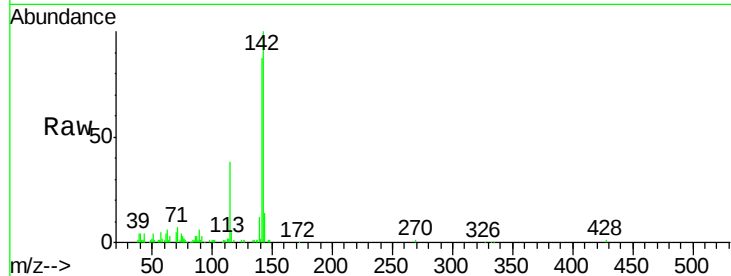




#34
 2-Methylnaphthalene
 Concen: 3.14 ng/ul
 RT: 12.47 min Scan# 1640
 Delta R.T. -0.00 min
 Lab File: BG018458.D
 Acq: 18 Aug 2015 11:04

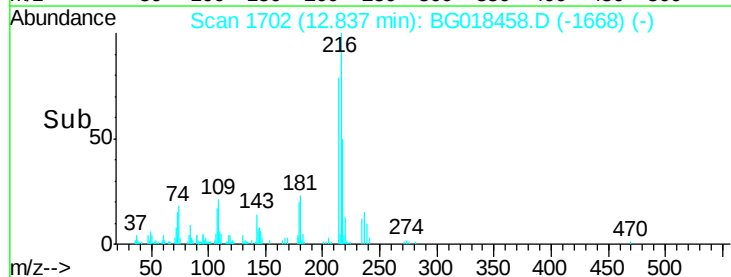
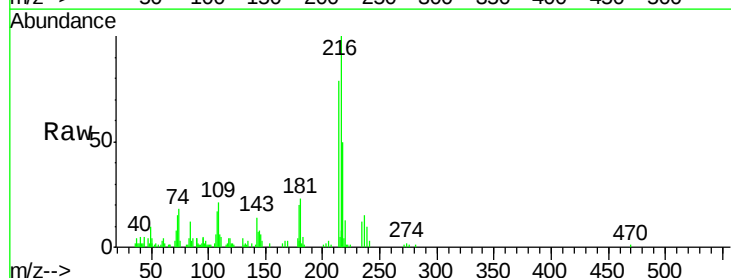
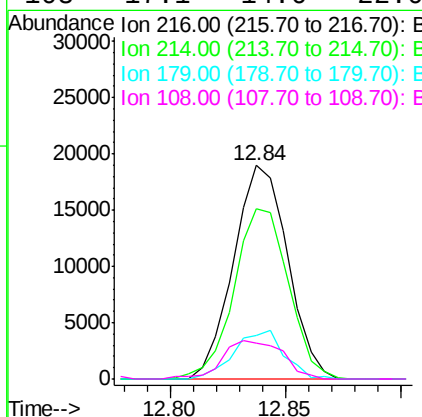
Instrument :
 BNA_G
 ClientSampleId :
 MDL-02-S-ML

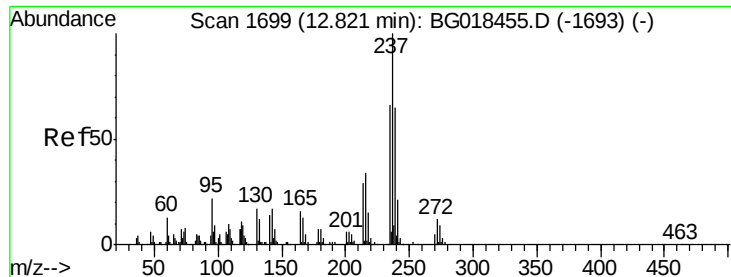
Tgt Ion:142 Resp: 61624
 Ion Ratio Lower Upper
 142 100
 141 87.4 78.0 117.0



#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.99 ng/ul
 RT: 12.84 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: BG018458.D
 Acq: 18 Aug 2015 11:04

Tgt Ion:216 Resp: 30945
 Ion Ratio Lower Upper
 216 100
 214 84.0 62.5 93.7
 179 20.1 18.2 27.2
 108 17.1 14.6 22.0





#38

Hexachlorocyclopentadiene

Concen: 2.57 ng/ul

RT: 12.83 min Scan# 1700

Delta R.T. 0.00 min

Lab File: BG018458.D

Acq: 18 Aug 2015 11:04

Instrument :

BNA_G

ClientSampleId :

MDL-02-S-ML

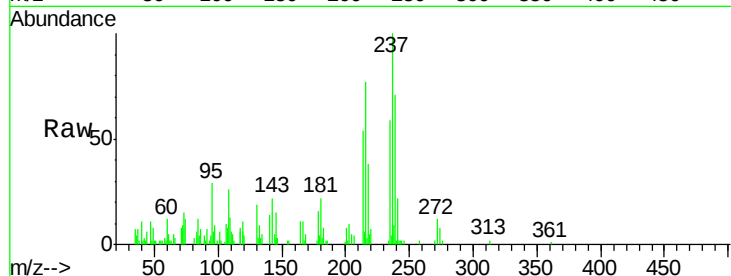
Tgt Ion:237 Resp: 15856

Ion Ratio Lower Upper

237 100

235 54.1 45.6 68.4

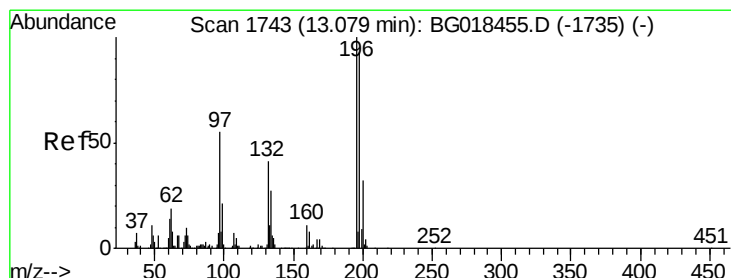
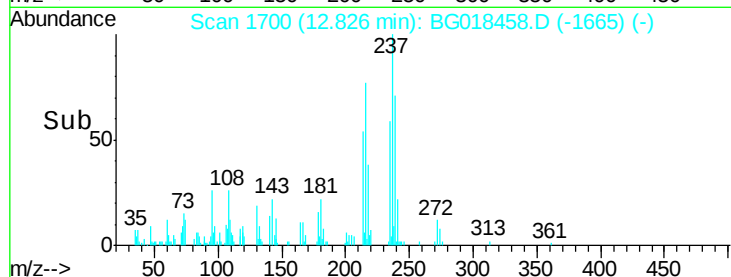
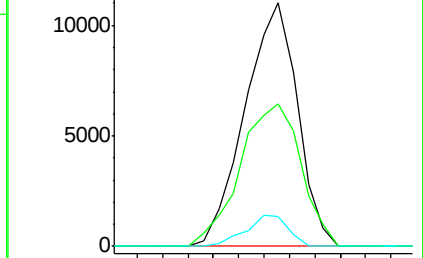
272 11.3 9.0 13.4



Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#39

2,4,6-Trichlorophenol

Concen: 2.67 ng/ul

RT: 13.08 min Scan# 1743

Delta R.T. -0.00 min

Lab File: BG018458.D

Acq: 18 Aug 2015 11:04

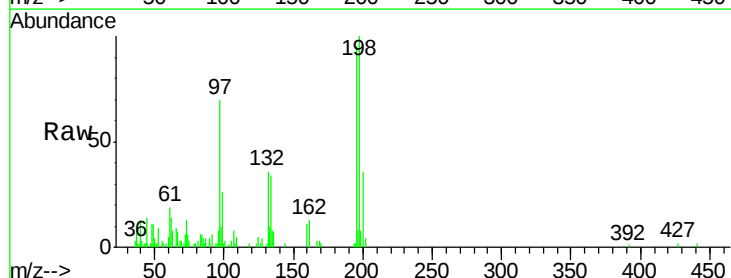
Tgt Ion:196 Resp: 18811

Ion Ratio Lower Upper

196 100

198 113.6 78.5 117.7

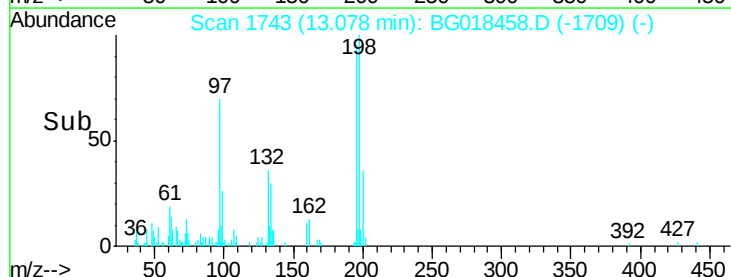
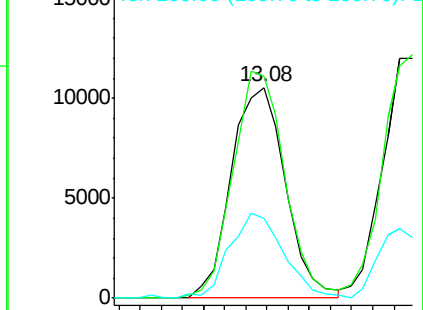
200 37.9 25.1 37.7#

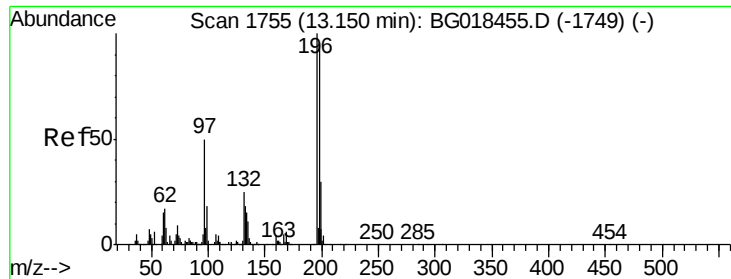


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

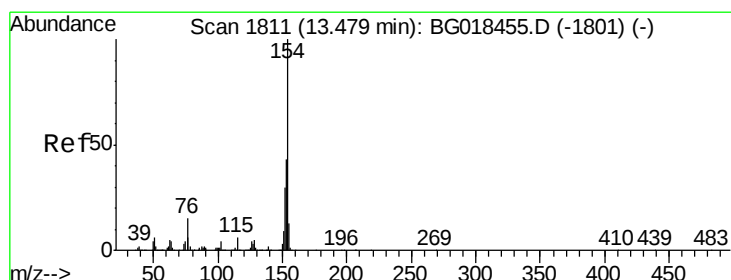
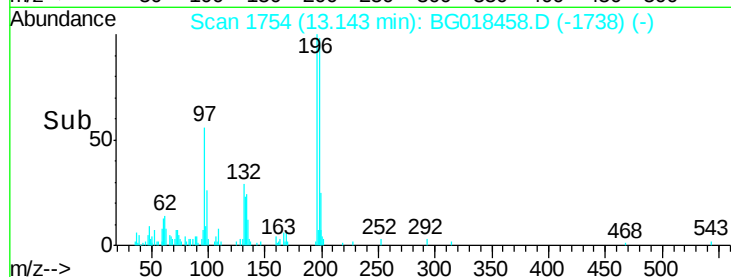
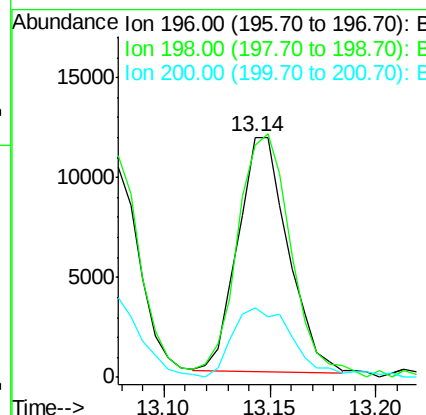
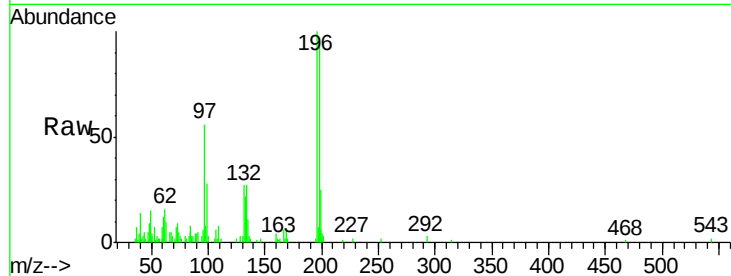




#40
 2,4,5-Trichlorophenol
 Concen: 2.56 ng/ul
 RT: 13.14 min Scan# 1754
 Delta R.T. -0.01 min
 Lab File: BG018458.D
 Acq: 18 Aug 2015 11:04

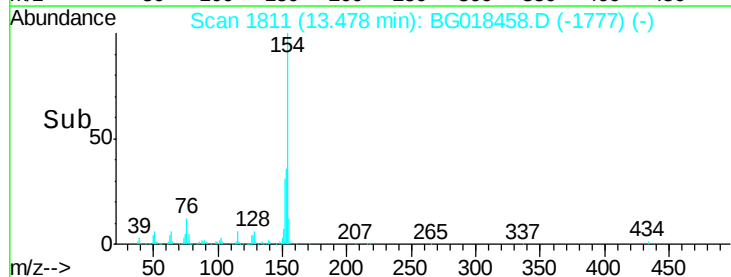
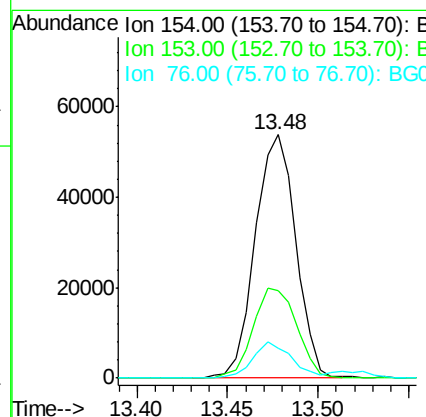
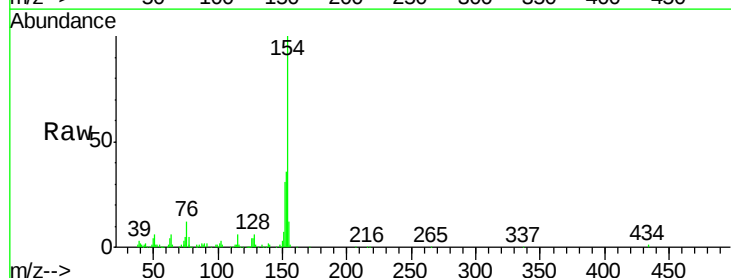
Instrument :
 BNA_G
 ClientSampleId :
 MDL-02-S-ML

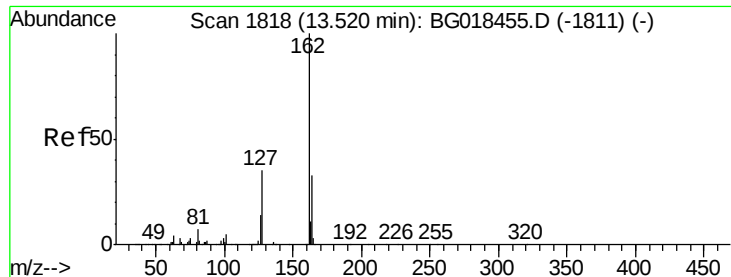
Tgt Ion:196 Resp: 19429
 Ion Ratio Lower Upper
 196 100
 198 90.5 74.2 111.4
 200 27.1 25.2 37.8



#41
 1,1'-Biphenyl
 Concen: 3.11 ng/ul
 RT: 13.48 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: BG018458.D
 Acq: 18 Aug 2015 11:04

Tgt Ion:154 Resp: 83697
 Ion Ratio Lower Upper
 154 100
 153 36.1 35.2 52.8
 76 12.1 10.6 16.0

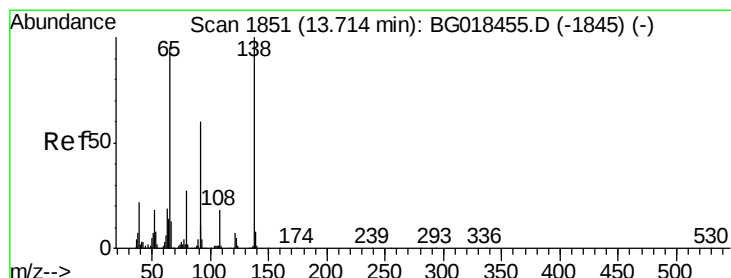
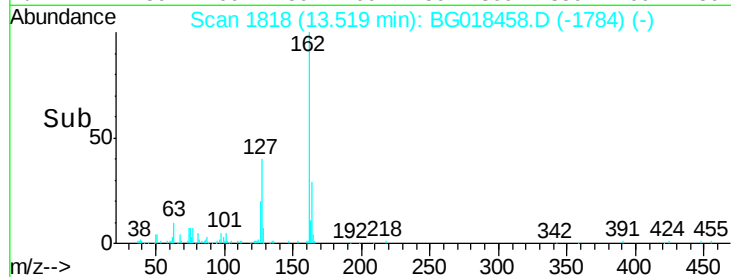
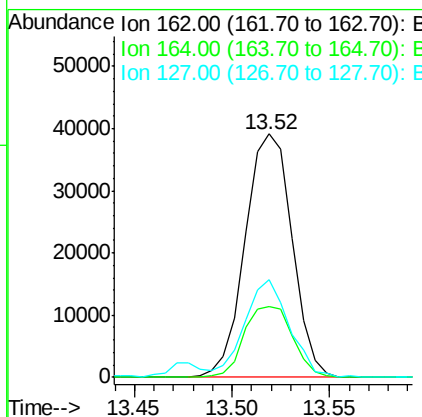
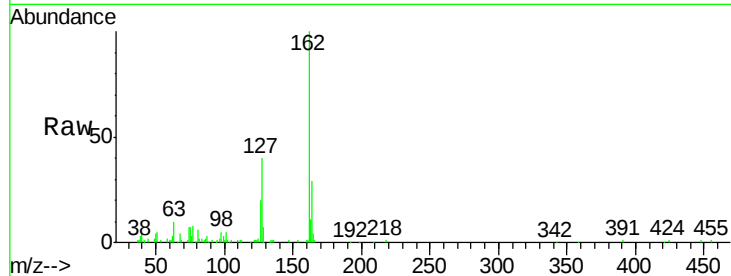




#42
2-Chloronaphthalene
Concen: 3.11 ng/ul
RT: 13.52 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BG018458.D
Acq: 18 Aug 2015 11:04

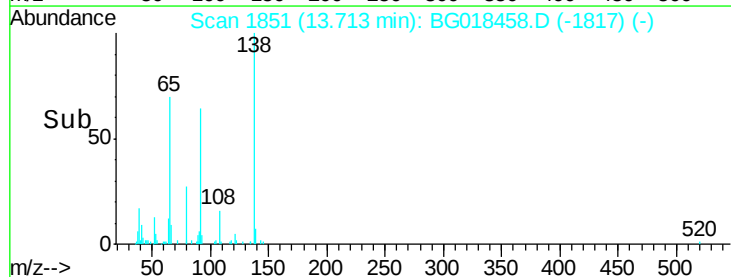
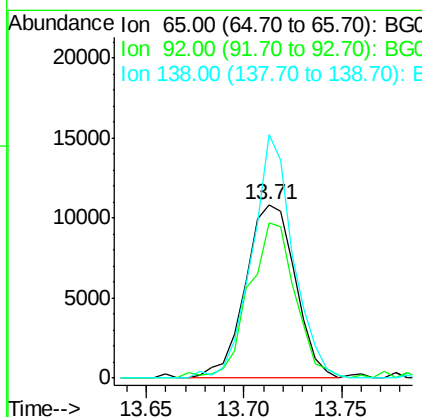
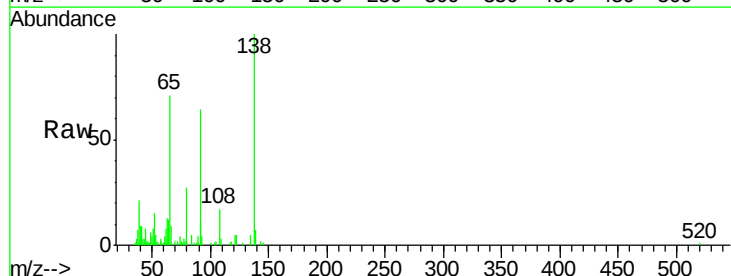
Instrument :
BNA_G
ClientSampleId :
MDL-02-S-ML

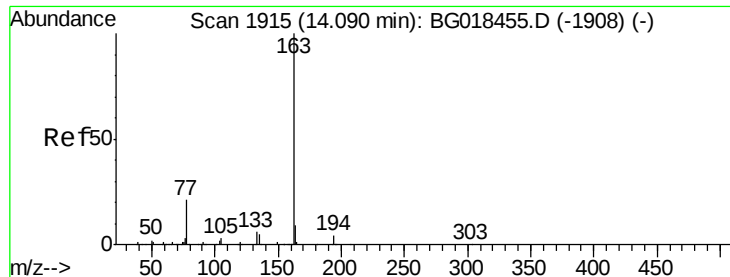
Tgt Ion	Ratio	Lower	Upper
162	100		
164	29.0	24.8	37.2
127	40.4	30.3	45.5



#43
2-Nitroaniline
Concen: 2.84 ng/ul
RT: 13.71 min Scan# 1851
Delta R.T. -0.00 min
Lab File: BG018458.D
Acq: 18 Aug 2015 11:04

Tgt Ion	Ratio	Lower	Upper
65	100		
92	89.1	51.1	76.7#
138	140.2	75.1	112.7#

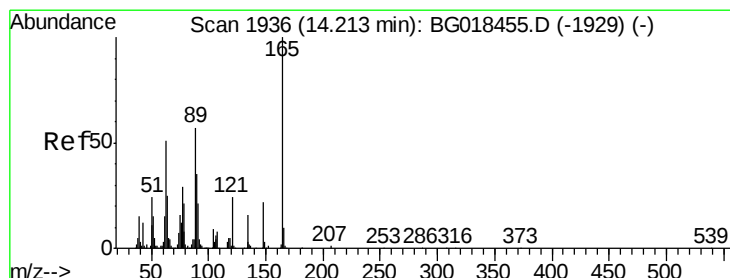
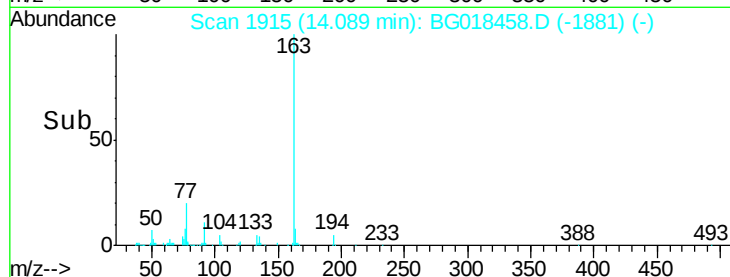
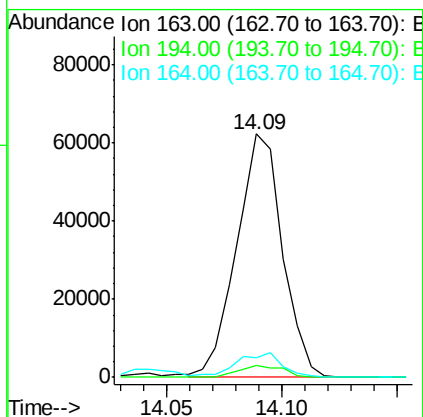
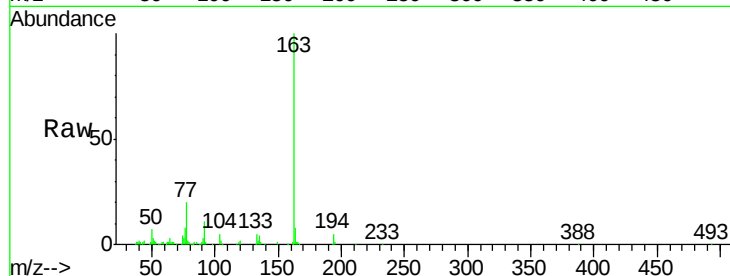




#45
Dimethylphthalate
Concen: 3.22 ng/ul
RT: 14.09 min Scan# 1915
Delta R.T. -0.00 min
Lab File: BG018458.D
Acq: 18 Aug 2015 11:04

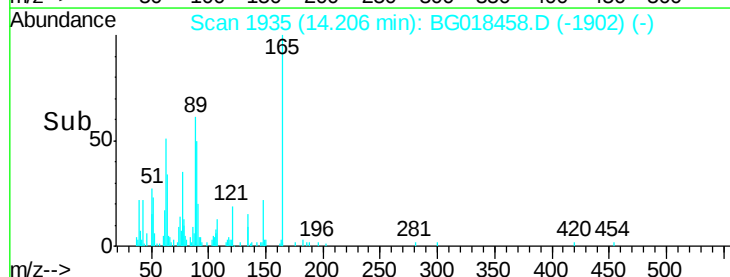
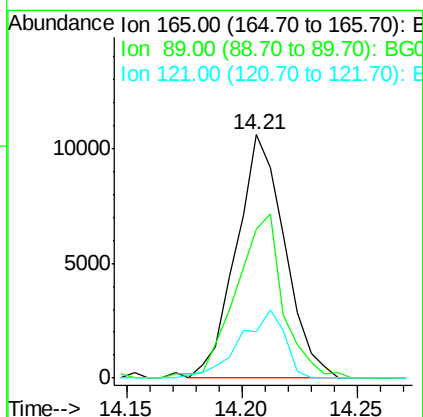
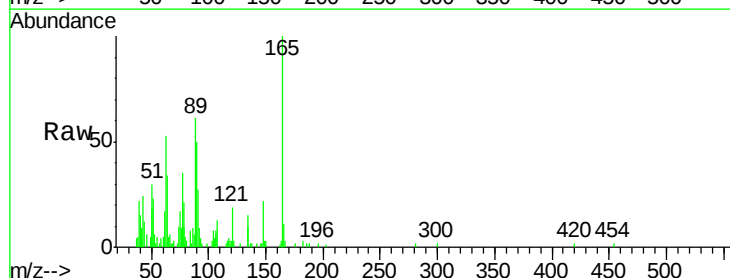
Instrument :
BNA_G
ClientSampleId :
MDL-02-S-ML

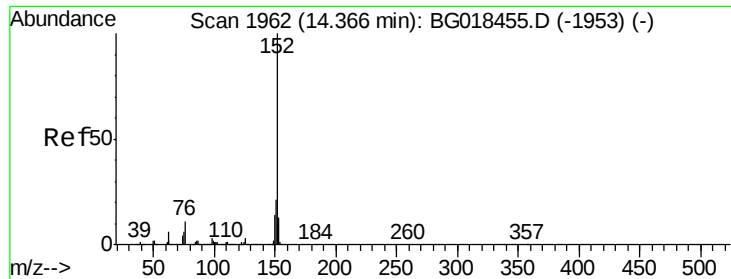
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	2.9	4.3#
164	7.9	7.7	11.5



#46
2,6-Dinitrotoluene
Concen: 2.91 ng/ul
RT: 14.21 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BG018458.D
Acq: 18 Aug 2015 11:04

Tgt Ion	Ratio	Lower	Upper
165	100		
89	61.1	50.2	75.2
121	19.4	19.4	29.2#

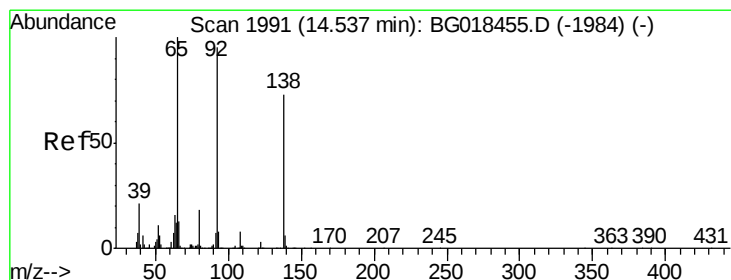
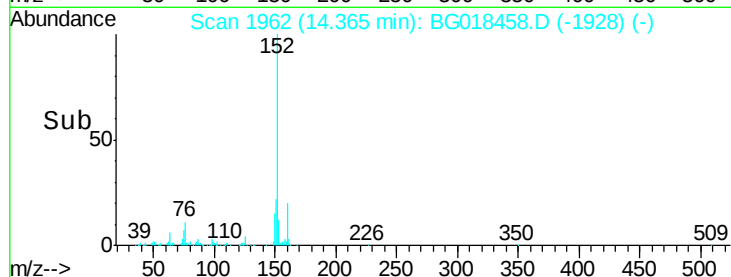
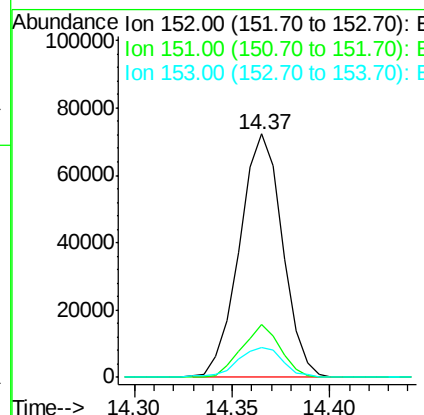
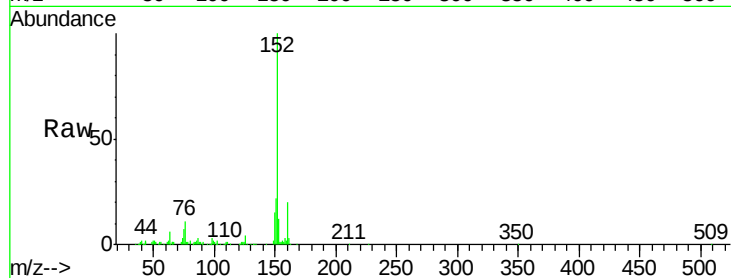




#48
Acenaphthylene
Concen: 3.21 ng/ul
RT: 14.37 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BG018458.D
Acq: 18 Aug 2015 11:04

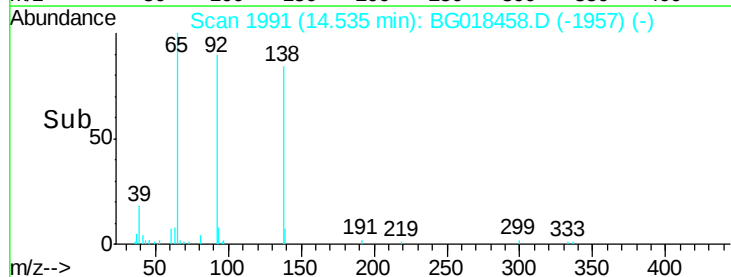
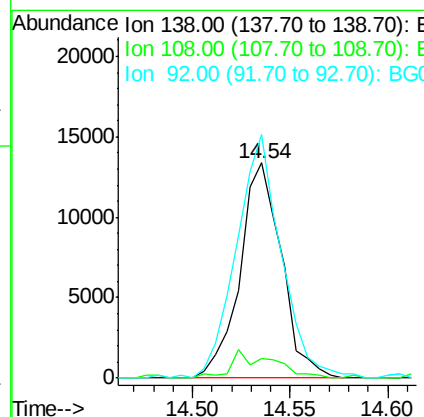
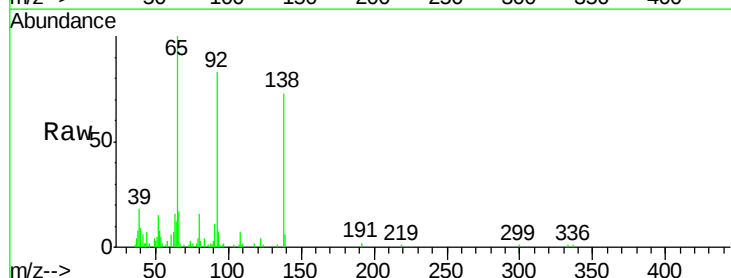
Instrument :
BNA_G
ClientSampleId :
MDL-02-S-ML

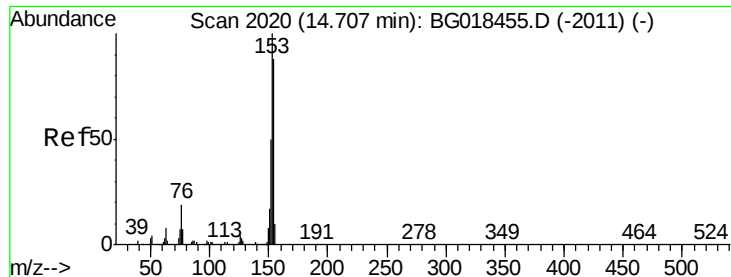
Tgt Ion:152 Resp: 110137
Ion Ratio Lower Upper
152 100
151 21.7 15.4 23.2
153 12.1 10.8 16.2



#49
3-Nitroaniline
Concen: 3.64 ng/ul
RT: 14.54 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BG018458.D
Acq: 18 Aug 2015 11:04

Tgt Ion:138 Resp: 19803
Ion Ratio Lower Upper
138 100
108 8.9 9.4 14.0#
92 113.2 102.8 154.2





#50

Acenaphthene

Concen: 3.12 ng/ul

RT: 14.71 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BG018458.D

Acq: 18 Aug 2015 11:04

Instrument :

BNA_G

ClientSampleId :

MDL-02-S-ML

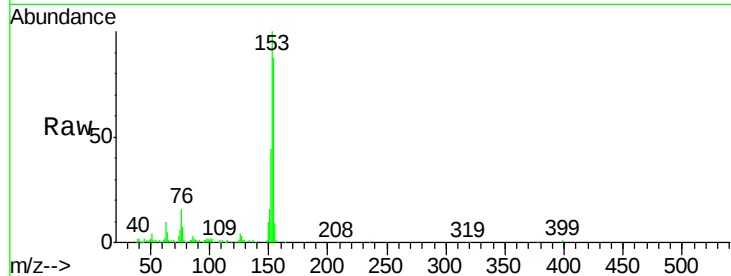
Tgt Ion:153 Resp: 74978

Ion Ratio Lower Upper

153 100

152 44.2 38.2 57.4

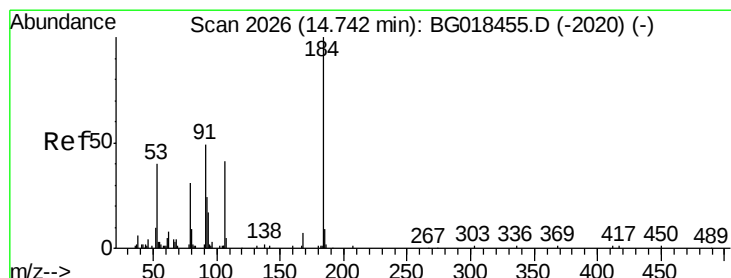
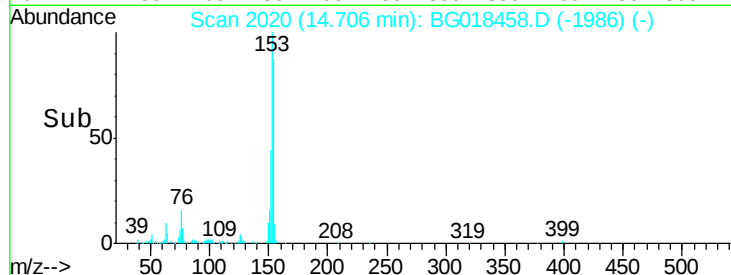
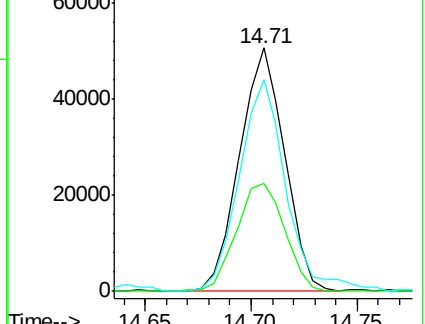
154 86.7 68.6 103.0



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#51

2,4-Dinitrophenol

Concen: 2.17 ng/ul

RT: 14.74 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BG018458.D

Acq: 18 Aug 2015 11:04

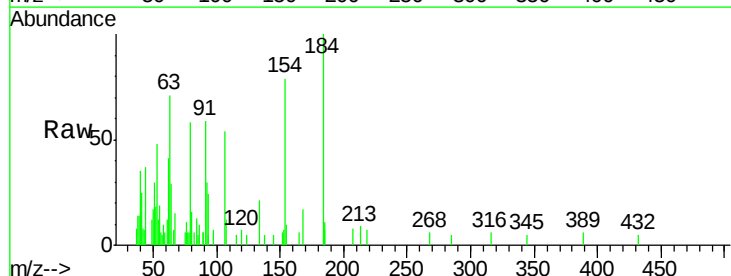
Tgt Ion:184 Resp: 5645

Ion Ratio Lower Upper

184 100

63 66.2 55.3 82.9

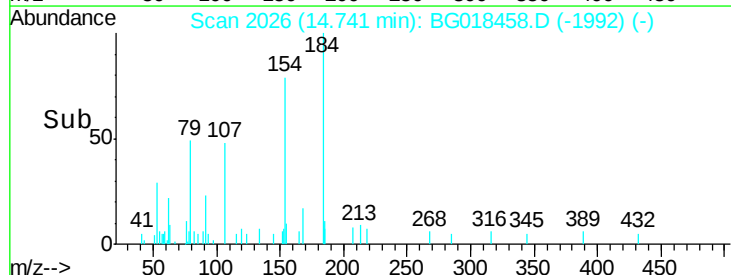
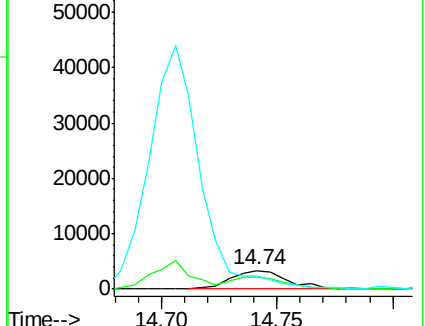
154 82.5 58.2 87.2

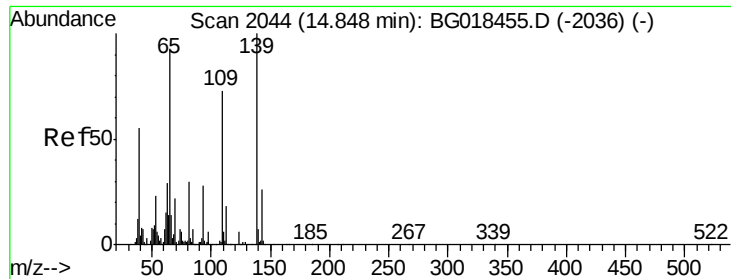


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 3.34 ng/ul

RT: 14.84 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BG018458.D

Acq: 18 Aug 2015 11:04

Instrument :

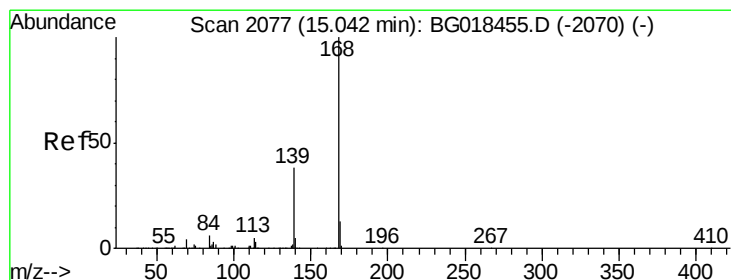
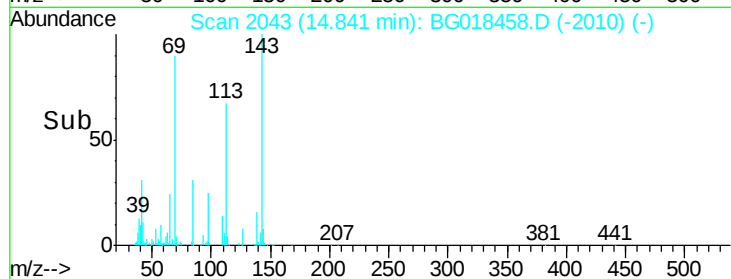
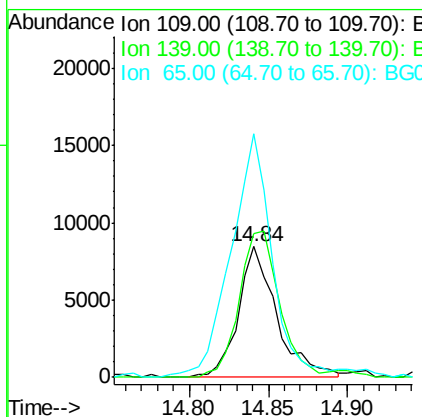
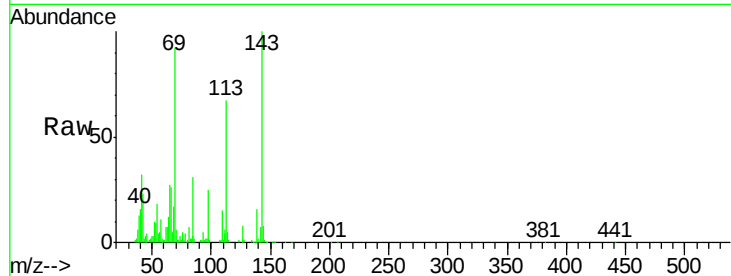
BNA_G

ClientSampleId :

MDL-02-S-ML

Tgt Ion:109 Resp: 14182

Ion	Ratio	Lower	Upper
109	100		
139	110.1	111.3	166.9#
65	186.5	105.3	157.9#



#54

Dibenzofuran

Concen: 3.35 ng/ul

RT: 15.03 min Scan# 2076

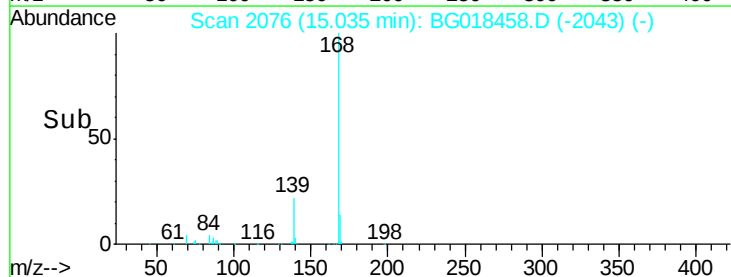
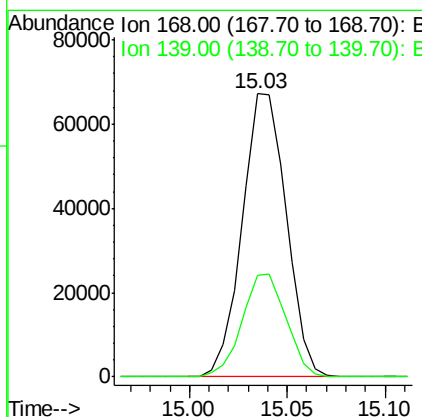
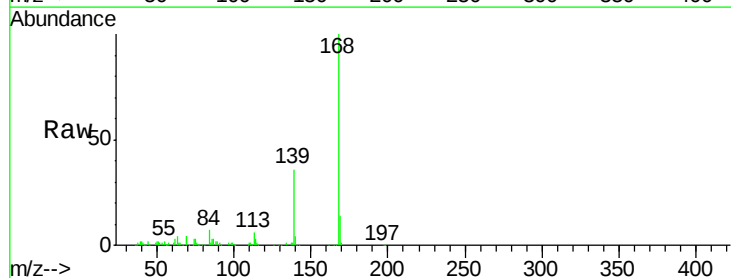
Delta R.T. -0.01 min

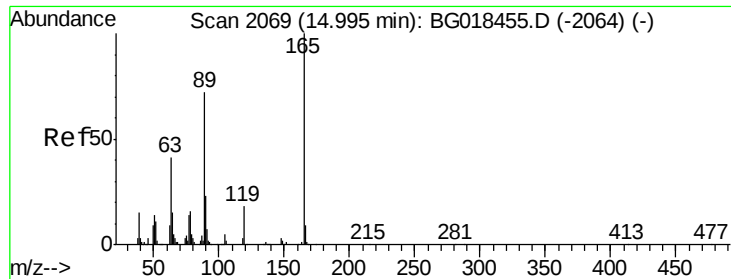
Lab File: BG018458.D

Acq: 18 Aug 2015 11:04

Tgt Ion:168 Resp: 105276

Ion	Ratio	Lower	Upper
168	100		
139	35.7	29.7	44.5

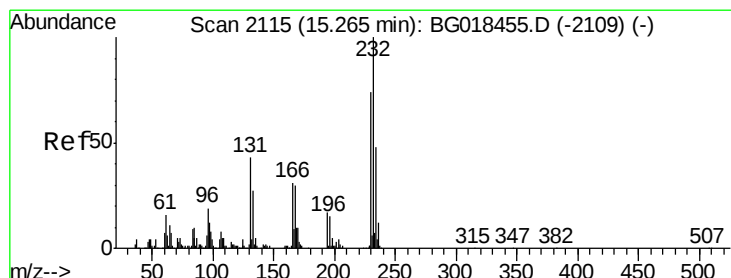
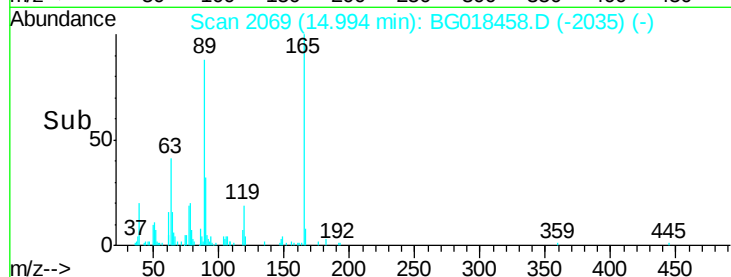
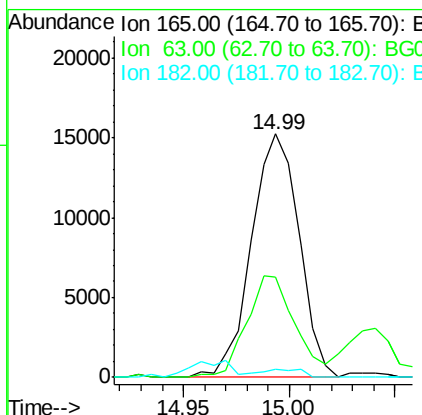
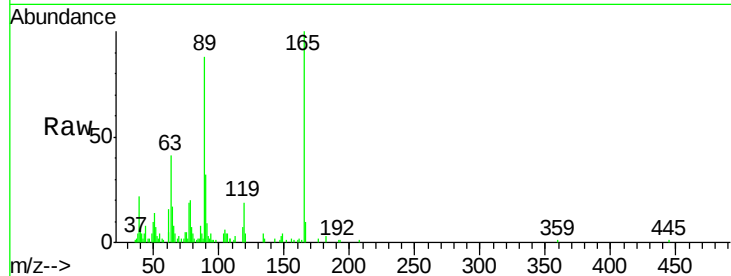




#55
 2,4-Dinitrotoluene
 Concen: 3.14 ng/ul
 RT: 14.99 min Scan# 2069
 Delta R.T. -0.00 min
 Lab File: BG018458.D
 Acq: 18 Aug 2015 11:04

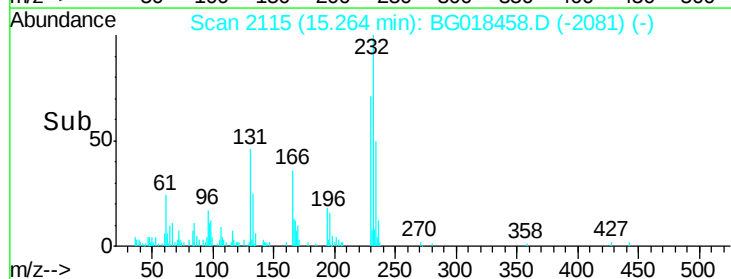
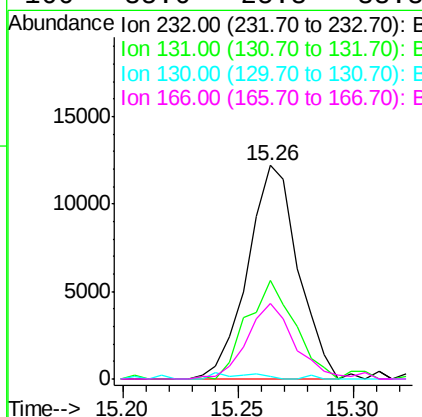
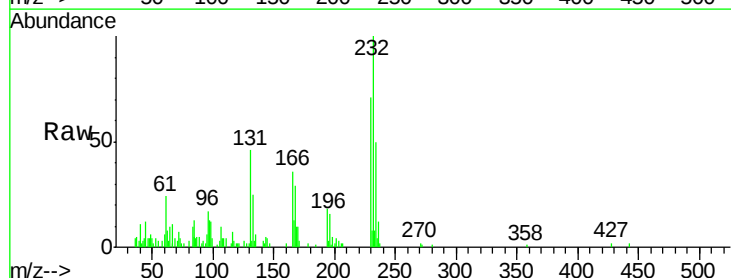
Instrument :
 BNA_G
 ClientSampleId :
 MDL-02-S-ML

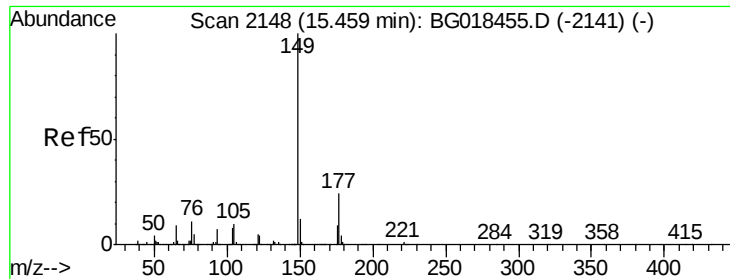
Tgt Ion:165 Resp: 23895
 Ion Ratio Lower Upper
 165 100
 63 41.1 36.7 55.1
 182 3.3 2.2 3.2#



#56
 2,3,4,6-Tetrachlorophenol
 Concen: 2.81 ng/ul
 RT: 15.26 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: BG018458.D
 Acq: 18 Aug 2015 11:04

Tgt Ion:232 Resp: 18531
 Ion Ratio Lower Upper
 232 100
 131 46.0 37.4 56.0
 130 1.5 1.4 2.0
 166 35.6 25.8 38.8





#57

Diethylphthalate

Concen: 3.37 ng/ul

RT: 15.45 min Scan# 2147

Delta R.T. -0.01 min

Lab File: BG018458.D

Acq: 18 Aug 2015 11:04

Instrument :

BNA_G

ClientSampleId :

MDL-02-S-ML

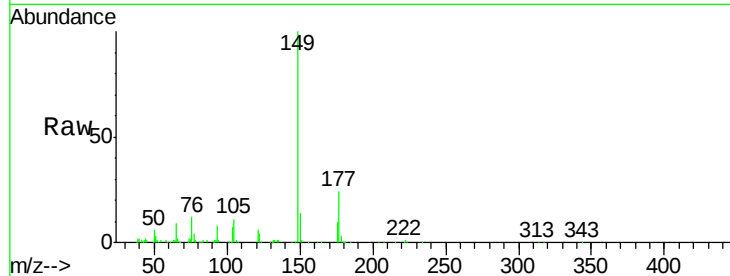
Tgt Ion:149 Resp: 95851

Ion Ratio Lower Upper

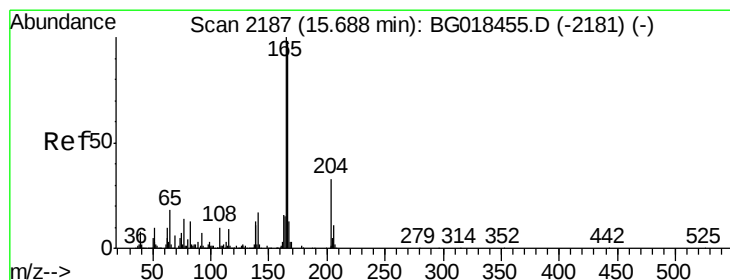
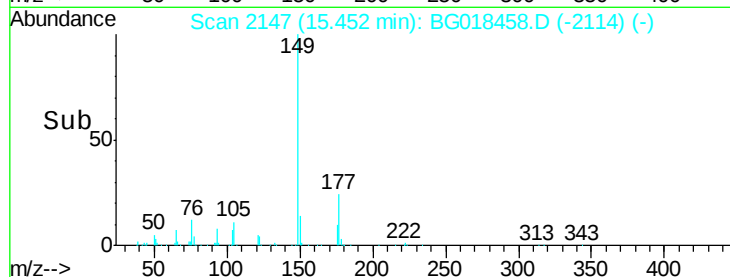
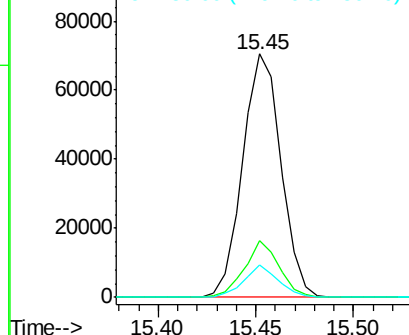
149 100

177 23.6 18.2 27.4

150 13.6 9.7 14.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#59

Fluorene

Concen: 3.26 ng/ul

RT: 15.69 min Scan# 2187

Delta R.T. -0.00 min

Lab File: BG018458.D

Acq: 18 Aug 2015 11:04

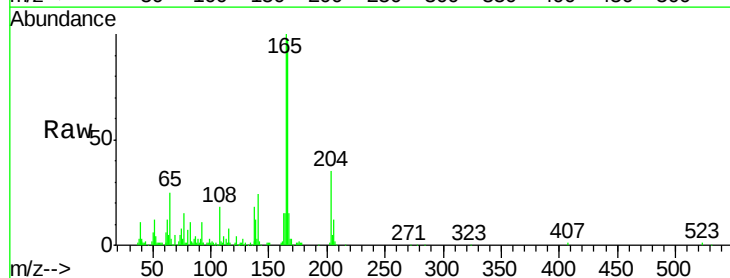
Tgt Ion:166 Resp: 88319

Ion Ratio Lower Upper

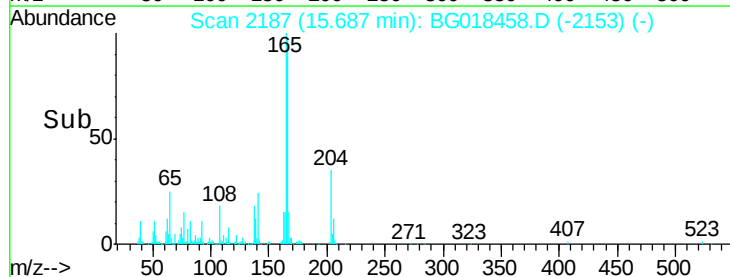
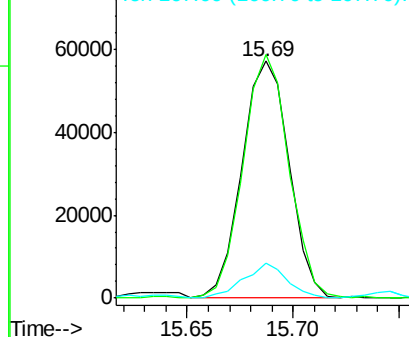
166 100

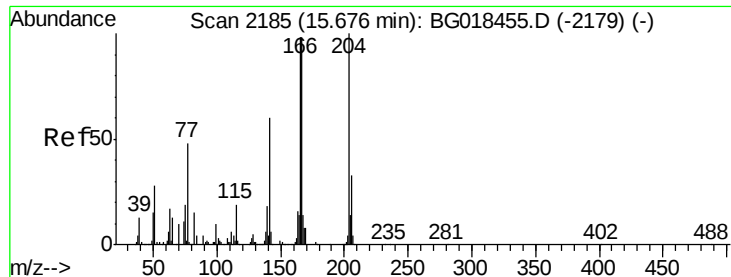
165 102.9 82.6 124.0

167 15.0 11.4 17.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

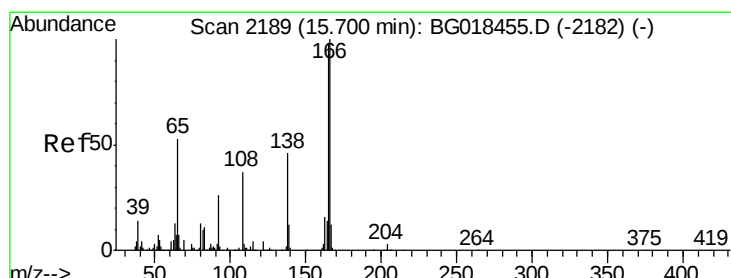
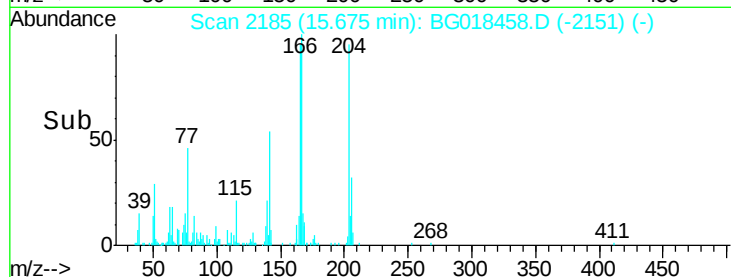
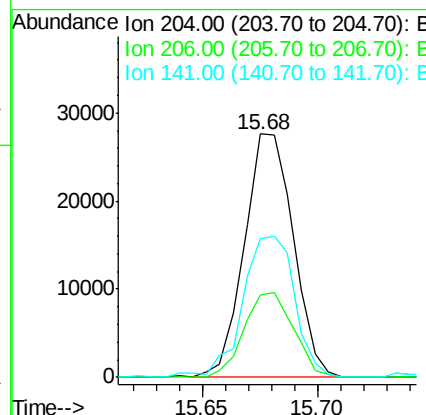
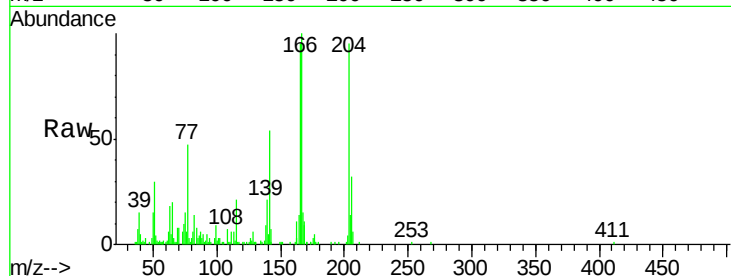




#60
 4-Chlorophenyl-phenylether
 Concen: 3.19 ng/ul
 RT: 15.68 min Scan# 2185
 Delta R.T. -0.00 min
 Lab File: BG018458.D
 Acq: 18 Aug 2015 11:04

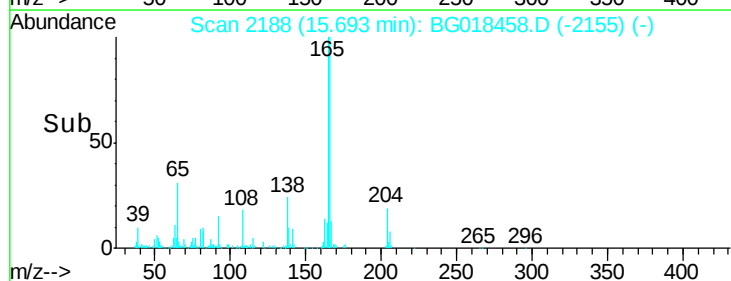
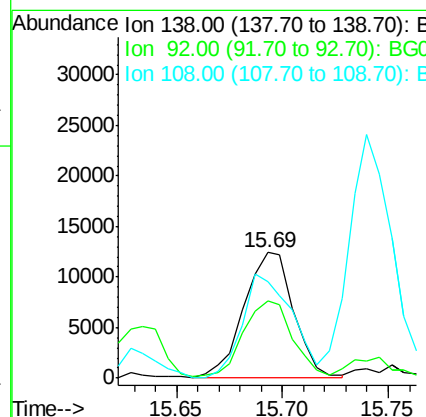
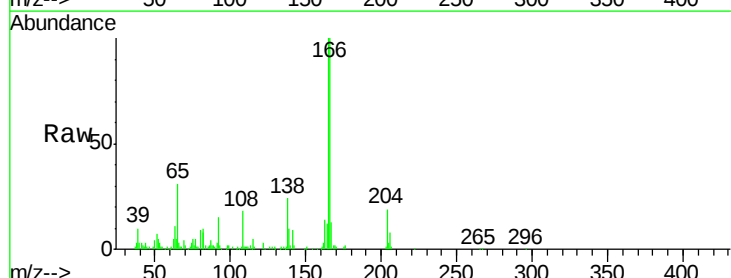
Instrument :
 BNA_G
 ClientSampleId :
 MDL-02-S-ML

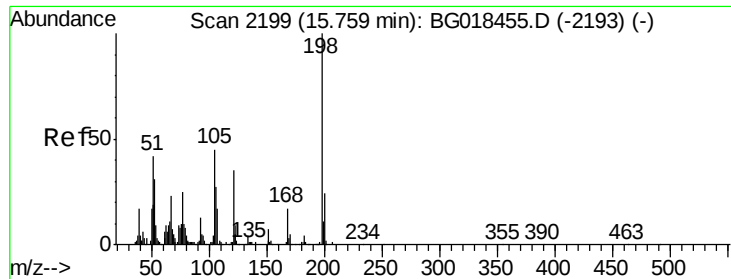
Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.7	27.1	40.7
141	56.9	47.1	70.7



#61
 4-Nitroaniline
 Concen: 3.40 ng/ul
 RT: 15.69 min Scan# 2188
 Delta R.T. -0.01 min
 Lab File: BG018458.D
 Acq: 18 Aug 2015 11:04

Tgt Ion	Ratio	Lower	Upper
138	100		
92	61.2	44.0	66.0
108	76.7	64.6	97.0





#64

4,6-Dinitro-2-methylphenol

Concen: 3.11 ng/ul

RT: 15.76 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG018458.D

Acq: 18 Aug 2015 11:04

Instrument :

BNA_G

ClientSampleId :

MDL-02-S-ML

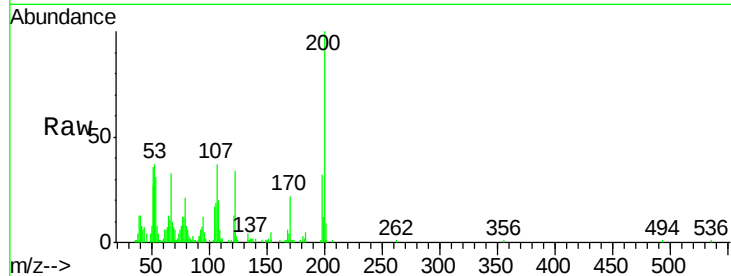
Tgt Ion:198 Resp: 13447

Ion Ratio Lower Upper

198 100

182 10.4 3.4 5.0#

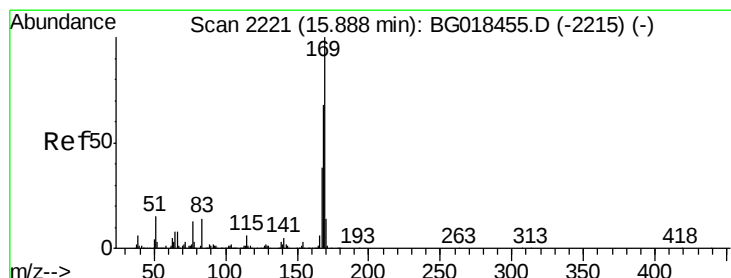
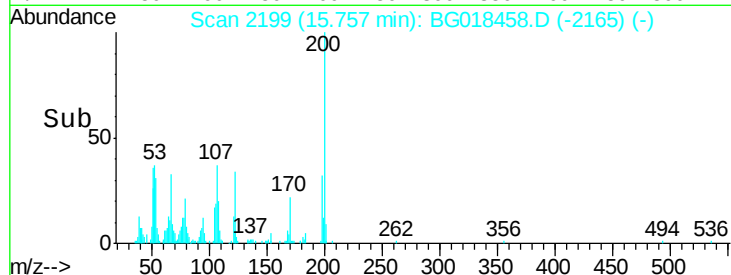
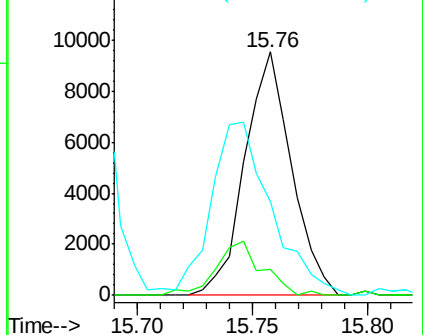
77 38.8 22.4 33.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): B



#65

N-Nitrosodiphenylamine

Concen: 3.10 ng/ul

RT: 15.89 min Scan# 2222

Delta R.T. 0.00 min

Lab File: BG018458.D

Acq: 18 Aug 2015 11:04

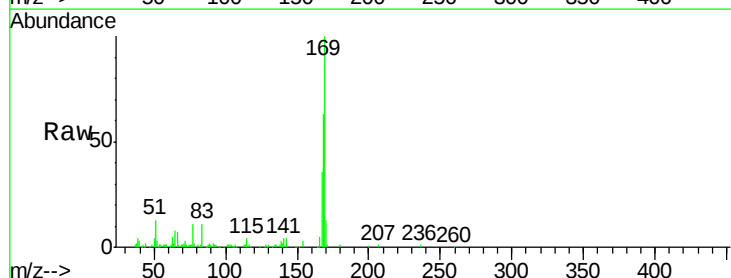
Tgt Ion:169 Resp: 76709

Ion Ratio Lower Upper

169 100

168 62.9 60.2 90.2

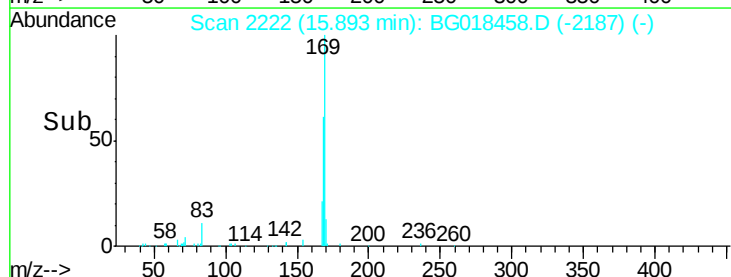
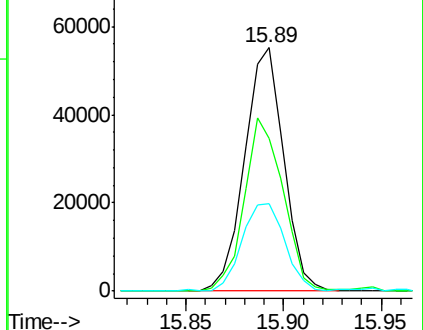
167 35.8 33.4 50.2

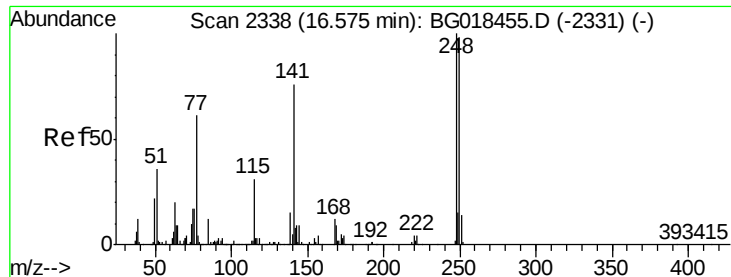


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

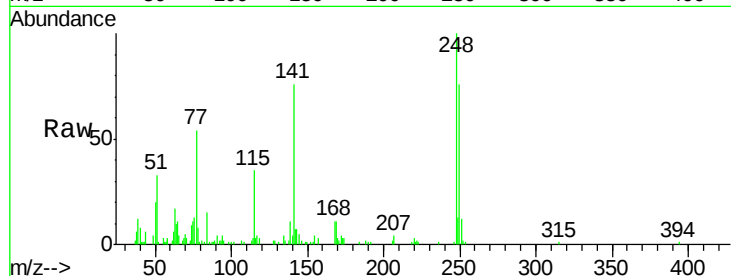




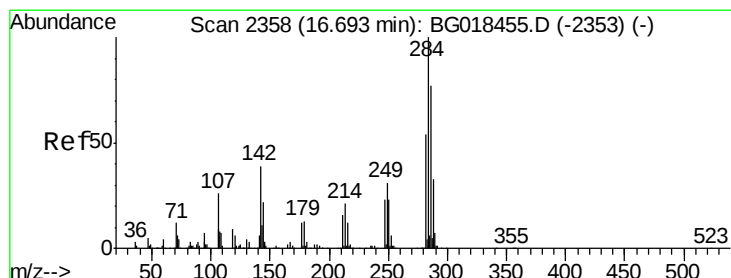
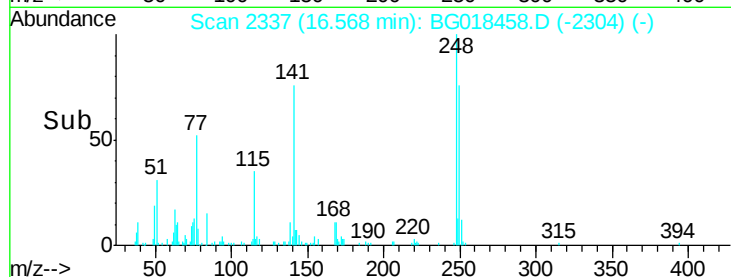
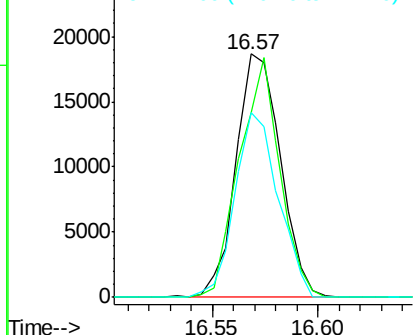
#66
4-Bromophenyl-phenylether
Concen: 3.07 ng/ul
RT: 16.57 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BG018458.D
Acq: 18 Aug 2015 11:04

Instrument :
BNA_G
ClientSampleId :
MDL-02-S-ML

Tgt Ion: 248 Resp: 27307
Ion Ratio Lower Upper
248 100
250 76.1 76.4 114.6#
141 75.9 58.6 87.8

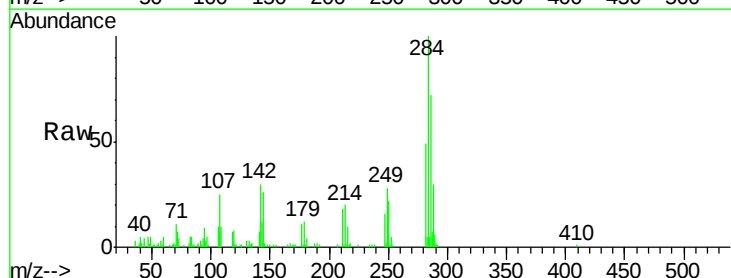


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

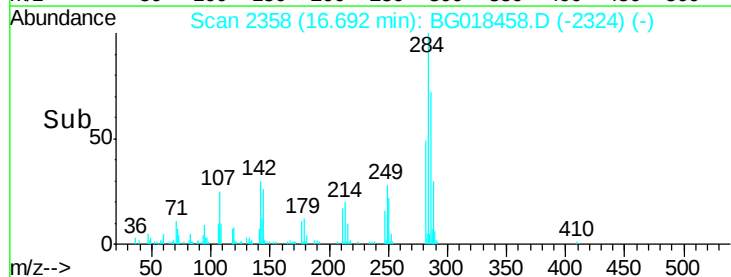
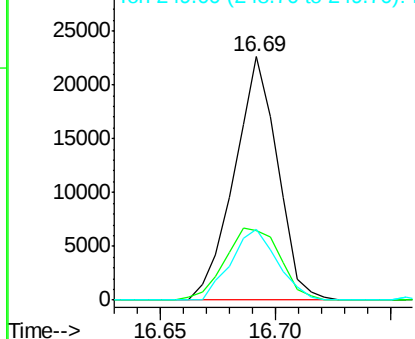


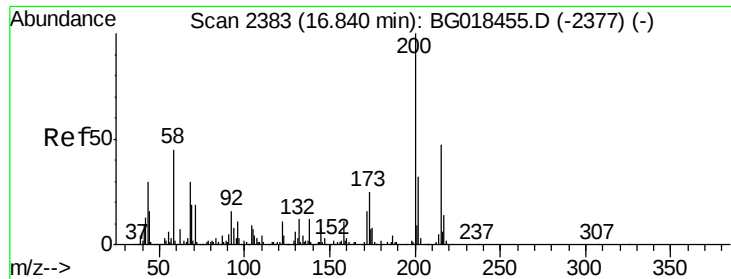
#67
Hexachlorobenzene
Concen: 3.13 ng/ul
RT: 16.69 min Scan# 2358
Delta R.T. -0.00 min
Lab File: BG018458.D
Acq: 18 Aug 2015 11:04

Tgt Ion: 284 Resp: 29518
Ion Ratio Lower Upper
284 100
142 28.4 28.6 42.8#
249 29.1 26.2 39.4



Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

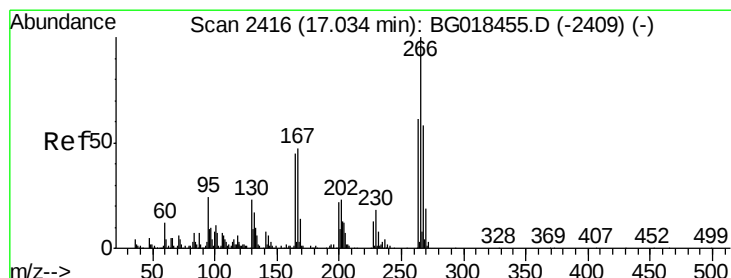
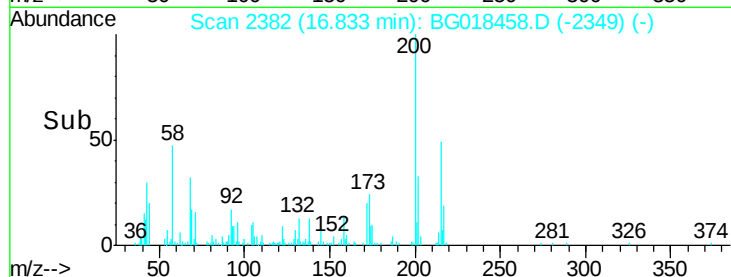
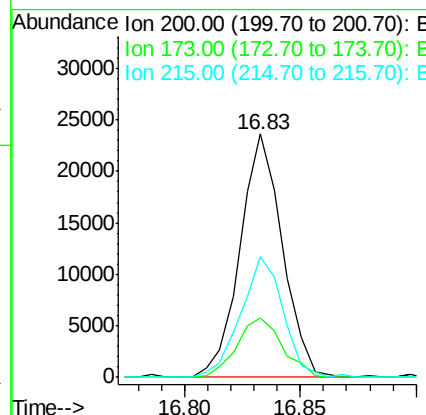
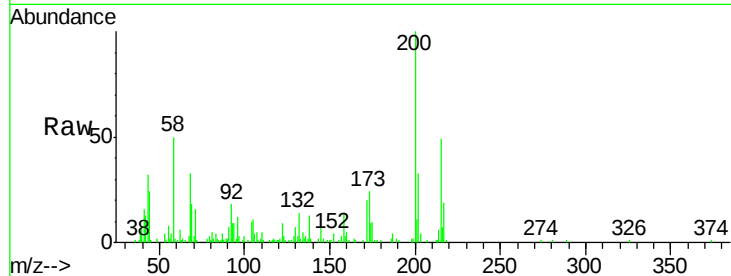




#68
 Atrazine
 Concen: 3.26 ng/ul
 RT: 16.83 min Scan# 2382
 Delta R.T. -0.01 min
 Lab File: BG018458.D
 Acq: 18 Aug 2015 11:04

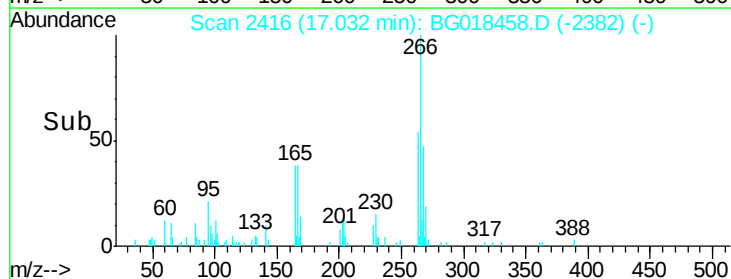
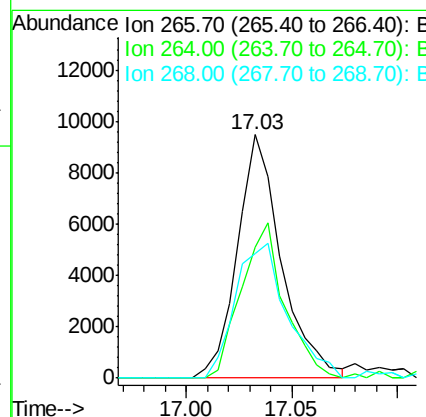
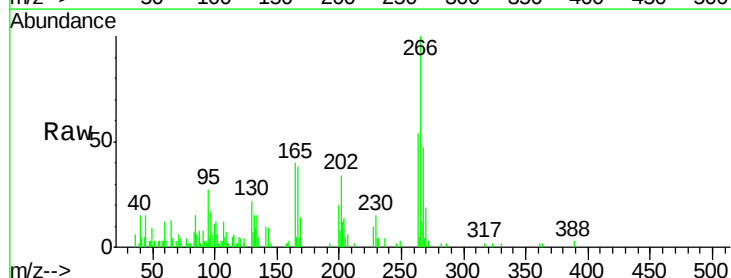
Instrument :
 BNA_G
 ClientSampleId :
 MDL-02-S-ML

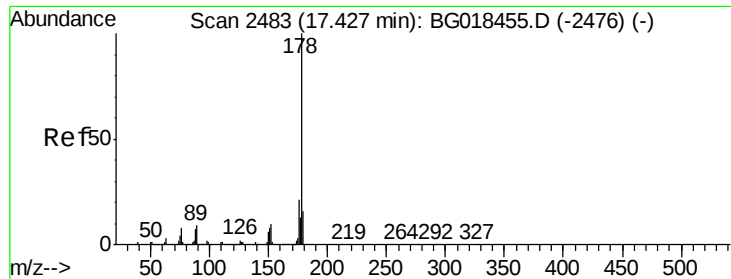
Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.4	19.0	28.4
215	49.4	37.4	56.2



#69
 Pentachlorophenol
 Concen: 2.17 ng/ul
 RT: 17.03 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BG018458.D
 Acq: 18 Aug 2015 11:04

Tgt Ion	Ratio	Lower	Upper
266	100		
264	53.7	55.4	83.0#
268	51.0	53.6	80.4#





#70

Phenanthrene

Concen: 3.33 ng/ul

RT: 17.43 min Scan# 2483

Delta R.T. -0.00 min

Lab File: BG018458.D

Acq: 18 Aug 2015 11:04

Instrument :

BNA_G

ClientSampleId :

MDL-02-S-ML

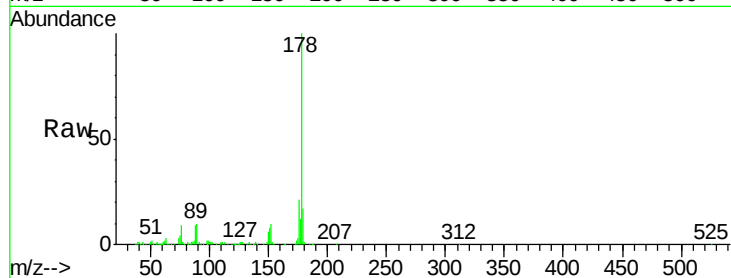
Tgt Ion:178 Resp: 148636

Ion Ratio Lower Upper

178 100

179 17.3 13.7 20.5

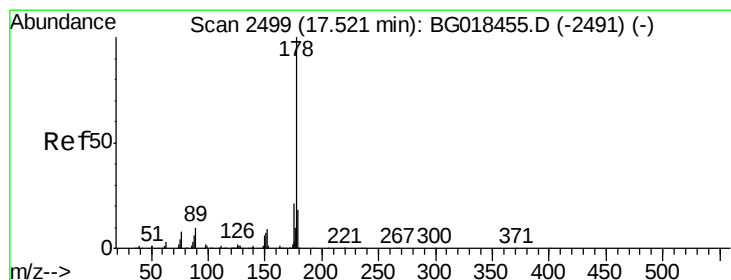
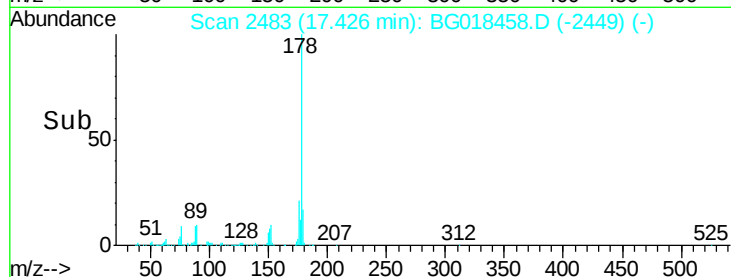
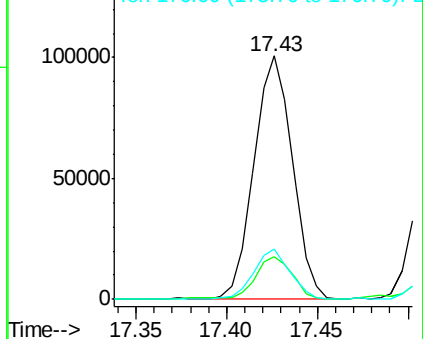
176 20.5 16.6 24.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72

Anthracene

Concen: 3.40 ng/ul

RT: 17.51 min Scan# 2498

Delta R.T. -0.01 min

Lab File: BG018458.D

Acq: 18 Aug 2015 11:04

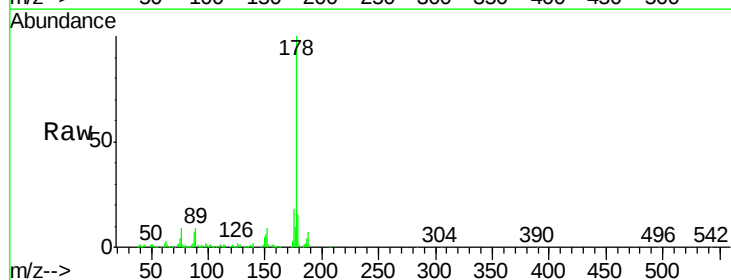
Tgt Ion:178 Resp: 154594

Ion Ratio Lower Upper

178 100

179 16.3 13.0 19.4

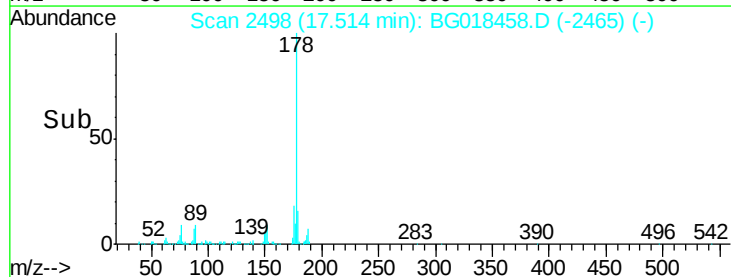
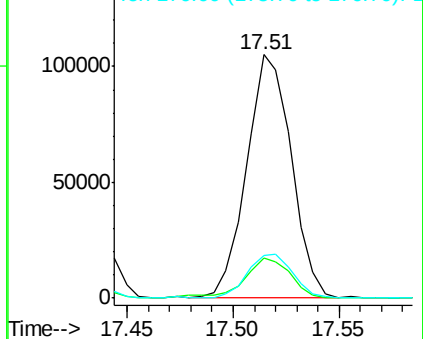
176 17.5 16.0 24.0

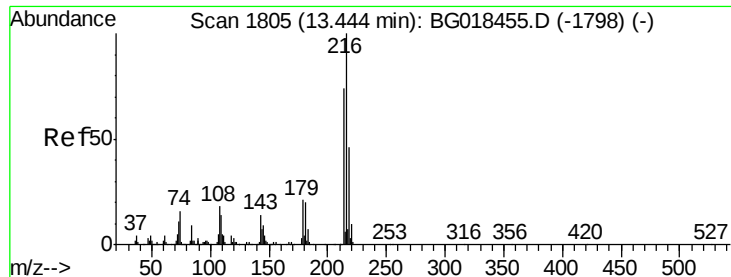


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#73

1,2,3,4-Tetrachlorobenzene

Concen: 2.59 ng/uL

RT: 13.44 min Scan# 1805

Delta R.T. -0.00 min

Lab File: BG018458.D

Acq: 18 Aug 2015 11:04

Instrument :

BNA_G

ClientSampleId :

MDL-02-S-ML

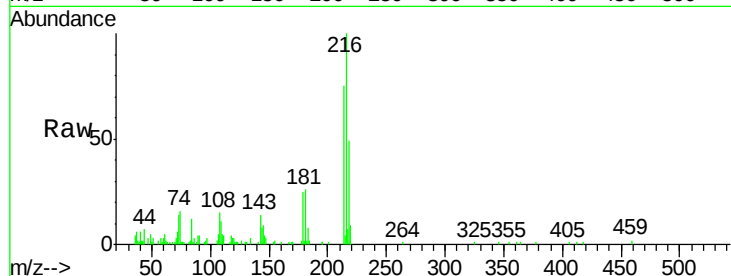
Tgt Ion:216 Resp: 29461

Ion Ratio Lower Upper

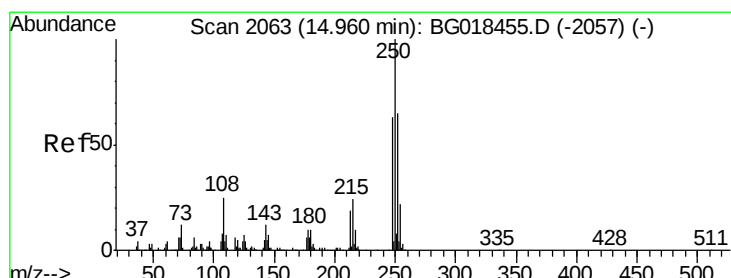
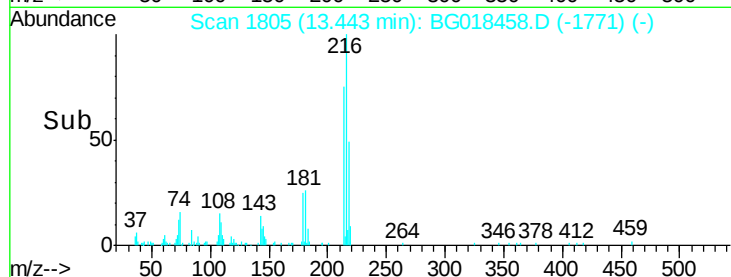
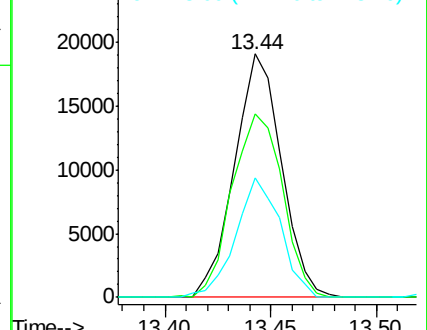
216 100

214 70.0 64.0 96.0

218 45.5 38.7 58.1



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 218.00 (217.70 to 218.70): E



#74

Pentachlorobenzene

Concen: 2.74 ng/uL

RT: 14.96 min Scan# 2063

Delta R.T. -0.00 min

Lab File: BG018458.D

Acq: 18 Aug 2015 11:04

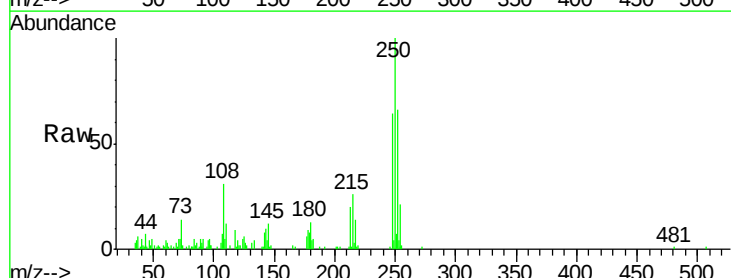
Tgt Ion:250 Resp: 29848

Ion Ratio Lower Upper

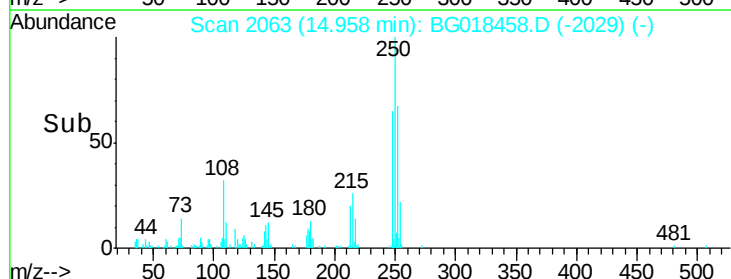
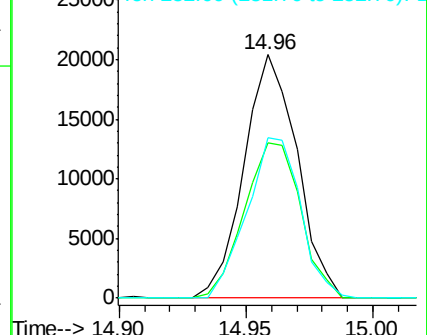
250 100

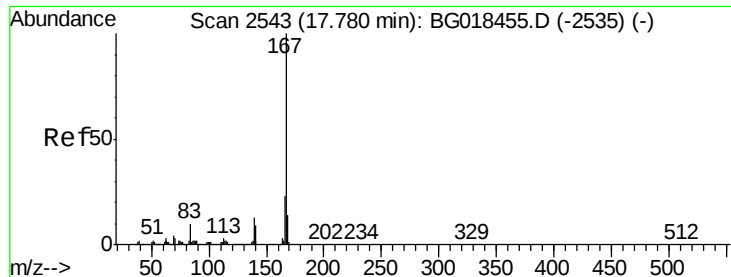
248 63.0 45.8 68.8

252 65.5 50.4 75.6



Abundance Ion 250.00 (249.70 to 250.70): E
Ion 248.00 (247.70 to 248.70): E
Ion 252.00 (251.70 to 252.70): E





#75

Carbazole

Concen: 3.57 ng/ul

RT: 17.78 min Scan# 2543

Delta R.T. -0.00 min

Lab File: BG018458.D

Acq: 18 Aug 2015 11:04

Instrument :

BNA_G

ClientSampleId :

MDL-02-S-ML

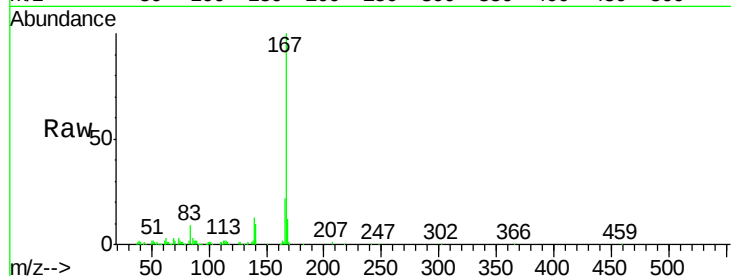
Tgt Ion:167 Resp: 142371

Ion Ratio Lower Upper

167 100

166 21.6 18.9 28.3

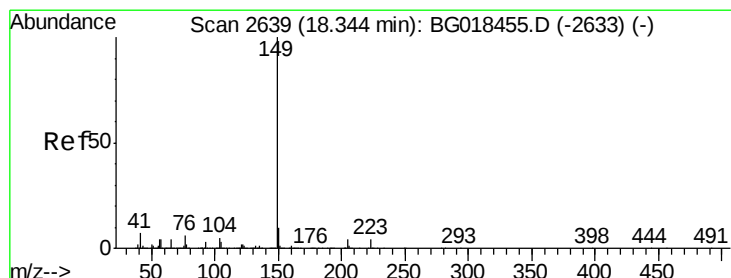
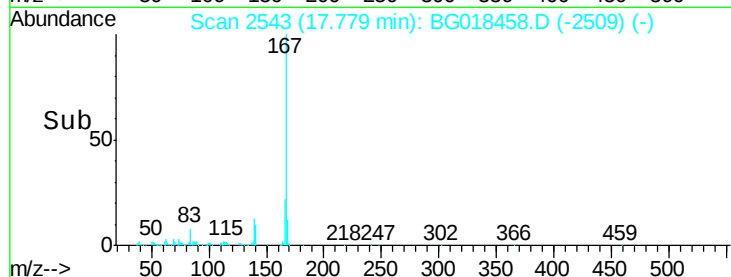
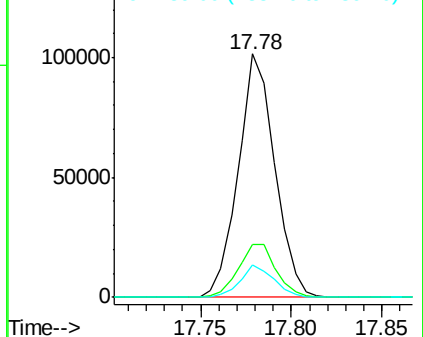
139 13.5 10.1 15.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#76

Di-n-butylphthalate

Concen: 3.55 ng/ul

RT: 18.34 min Scan# 2639

Delta R.T. -0.00 min

Lab File: BG018458.D

Acq: 18 Aug 2015 11:04

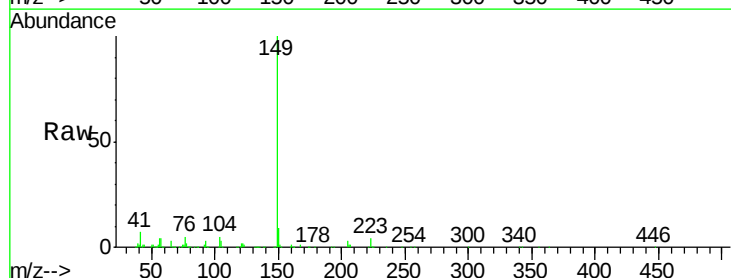
Tgt Ion:149 Resp: 185192

Ion Ratio Lower Upper

149 100

150 8.8 7.5 11.3

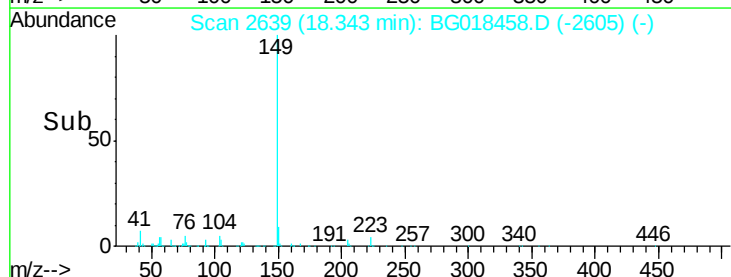
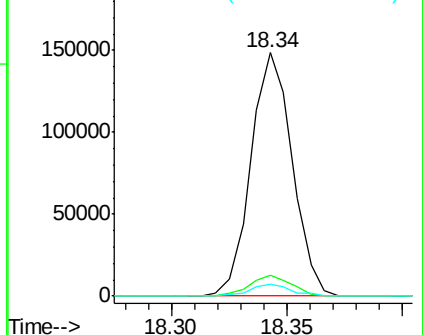
104 4.8 4.3 6.5

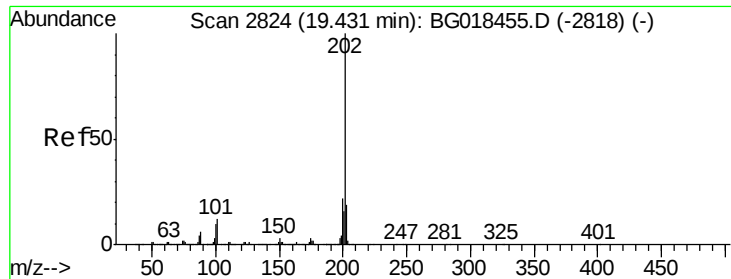


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#77

Fluoranthene

Concen: 3.91 ng/ul

RT: 19.43 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG018458.D

Acq: 18 Aug 2015 11:04

Instrument :

BNA_G

ClientSampleId :

MDL-02-S-ML

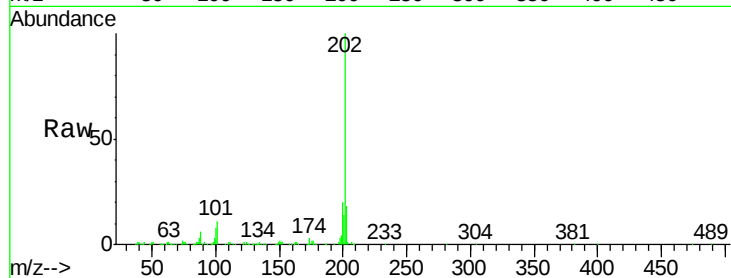
Tgt Ion:202 Resp: 186320

Ion Ratio Lower Upper

202 100

101 11.2 9.7 14.5

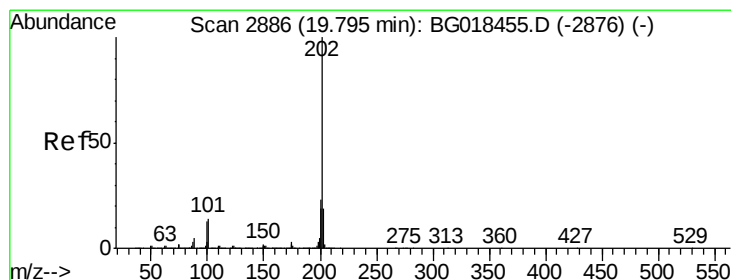
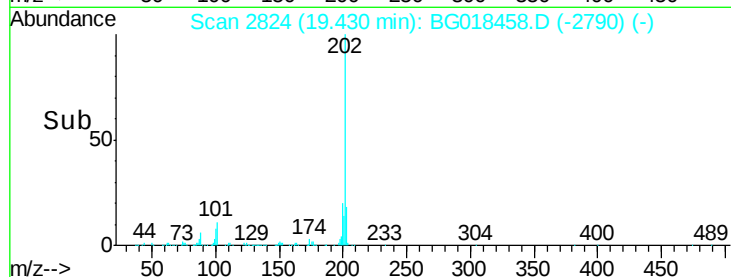
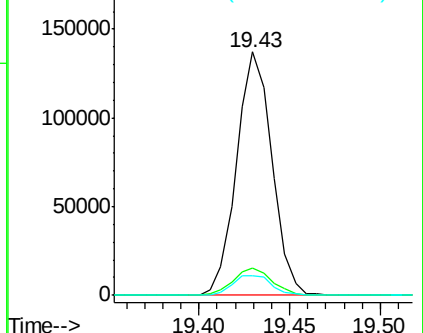
100 8.3 7.8 11.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Pyrene

Concen: 3.45 ng/ul

RT: 19.79 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG018458.D

Acq: 18 Aug 2015 11:04

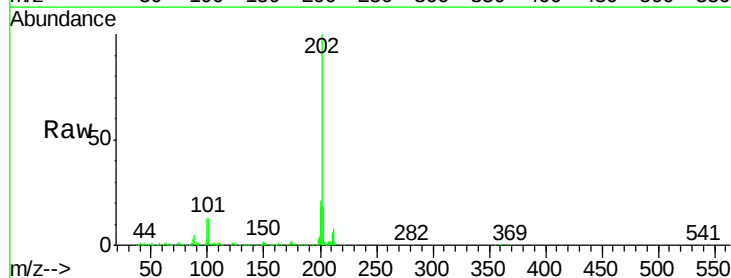
Tgt Ion:202 Resp: 196380

Ion Ratio Lower Upper

202 100

101 13.1 11.0 16.4

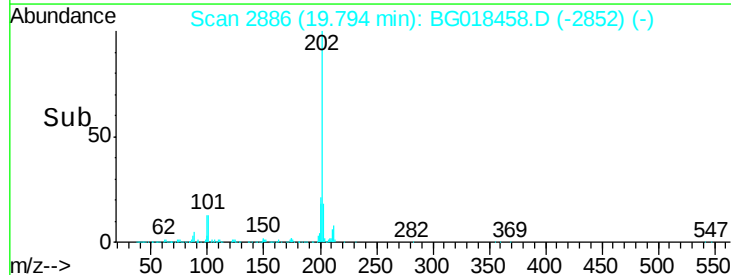
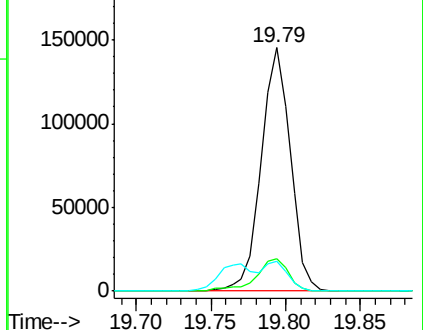
100 12.5 9.8 14.6

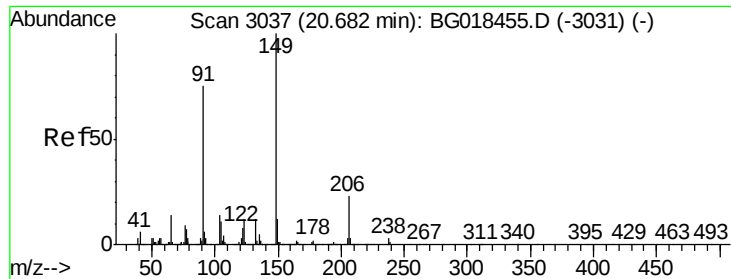


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#81

Butylbenzylphthalate

Concen: 3.14 ng/ul

RT: 20.68 min Scan# 3037

Delta R.T. -0.00 min

Lab File: BG018458.D

Acq: 18 Aug 2015 11:04

Instrument :

BNA_G

ClientSampleId :

MDL-02-S-ML

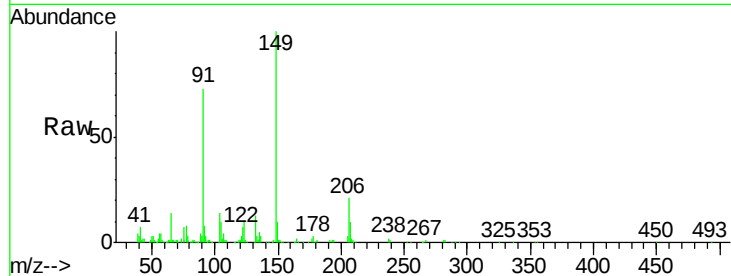
Tgt Ion:149 Resp: 75597

Ion Ratio Lower Upper

149 100

91 72.9 57.9 86.9

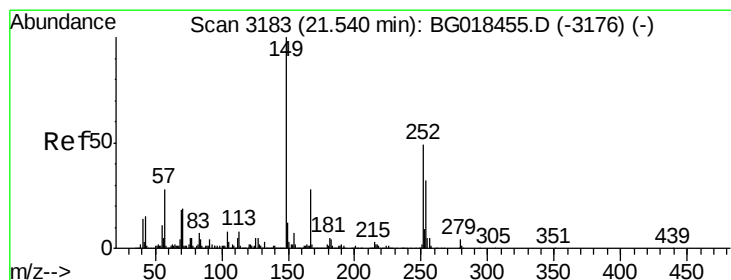
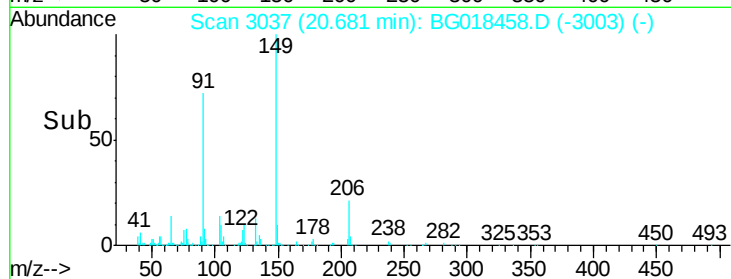
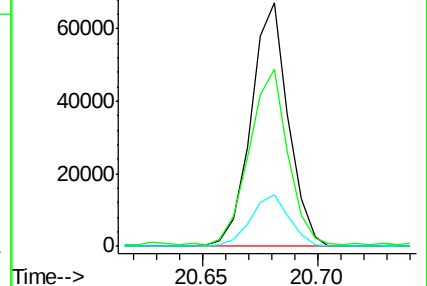
206 21.4 17.9 26.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#82

3,3'-Dichlorobenzidine

Concen: 3.48 ng/ul

RT: 21.54 min Scan# 3183

Delta R.T. -0.00 min

Lab File: BG018458.D

Acq: 18 Aug 2015 11:04

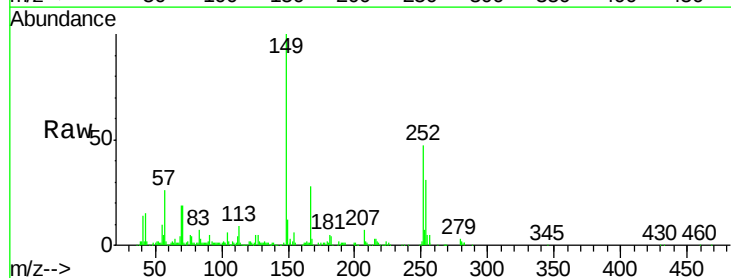
Tgt Ion:252 Resp: 60890

Ion Ratio Lower Upper

252 100

254 66.0 50.9 76.3

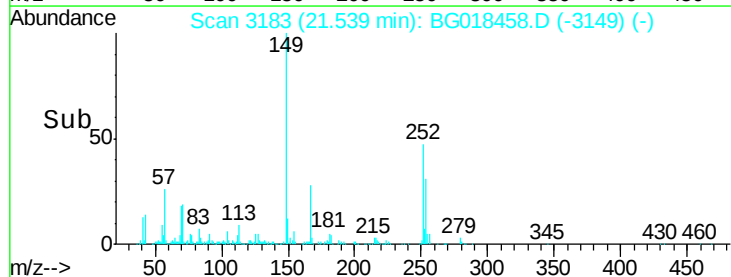
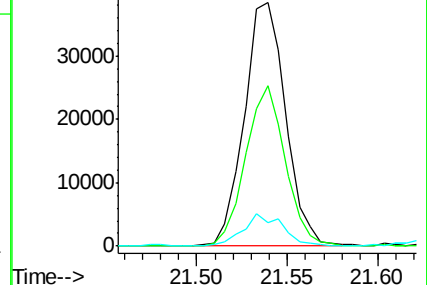
126 9.9 9.6 14.4

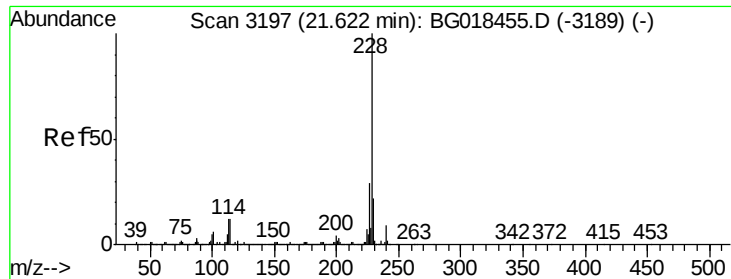


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Benzo(a)anthracene

Concen: 3.35 ng/ul

RT: 21.62 min Scan# 3197

Delta R.T. -0.00 min

Lab File: BG018458.D

Acq: 18 Aug 2015 11:04

Instrument :

BNA_G

ClientSampleId :

MDL-02-S-ML

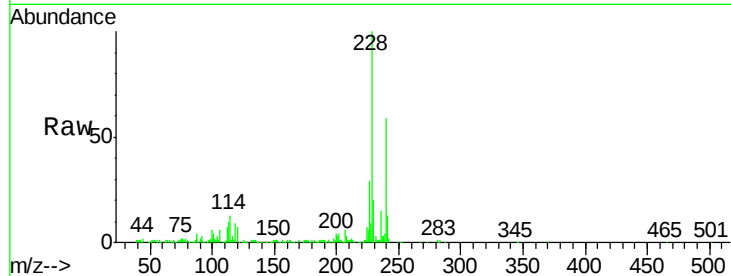
Tgt Ion:228 Resp: 174810

Ion Ratio Lower Upper

228 100

229 20.0 15.5 23.3

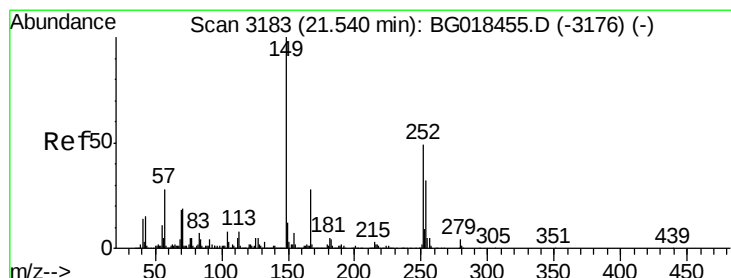
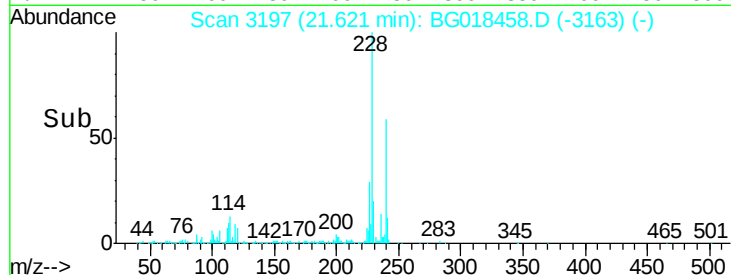
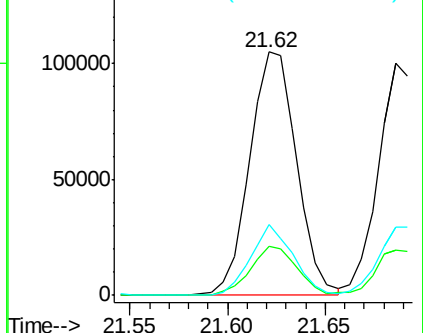
226 28.8 22.1 33.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.16 ng/ul

RT: 21.54 min Scan# 3183

Delta R.T. -0.00 min

Lab File: BG018458.D

Acq: 18 Aug 2015 11:04

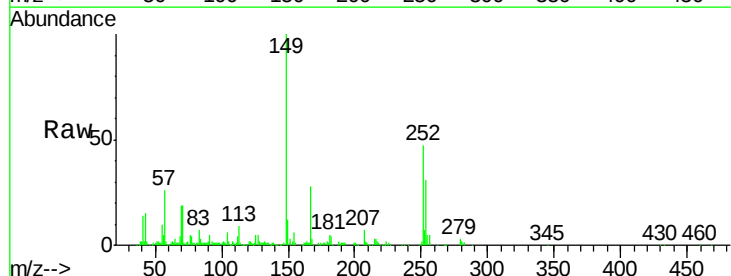
Tgt Ion:149 Resp: 107440

Ion Ratio Lower Upper

149 100

167 27.7 22.2 33.2

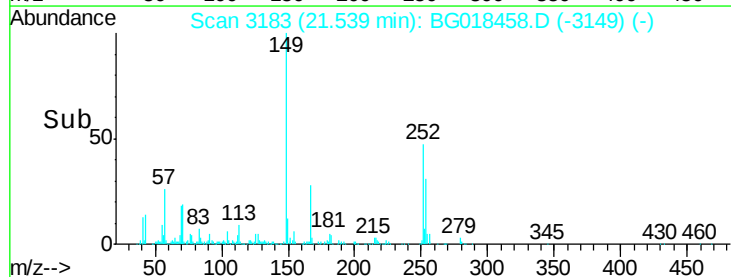
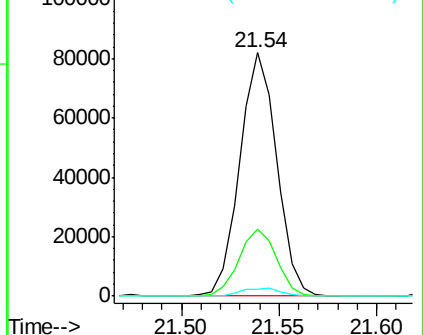
279 2.9 2.8 4.2

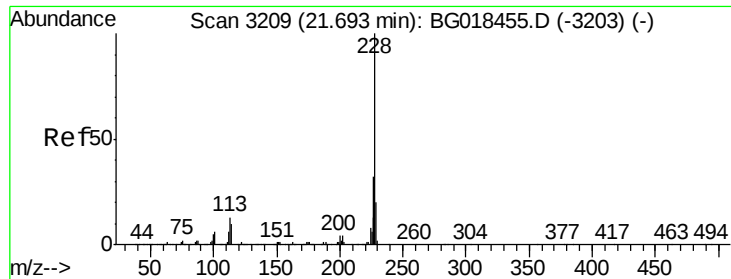


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

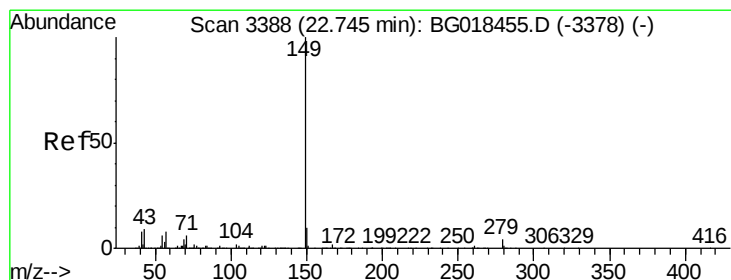
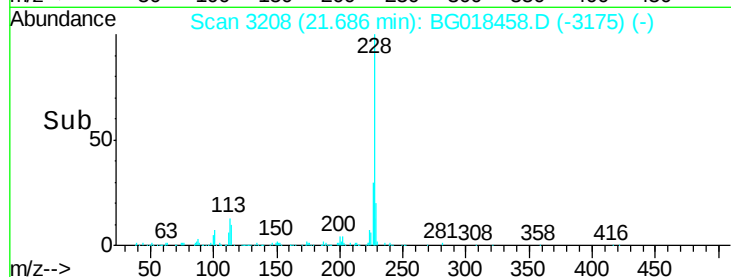
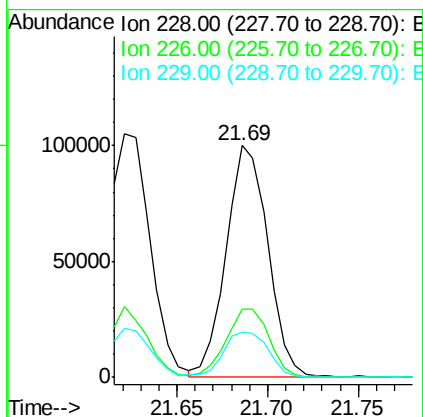
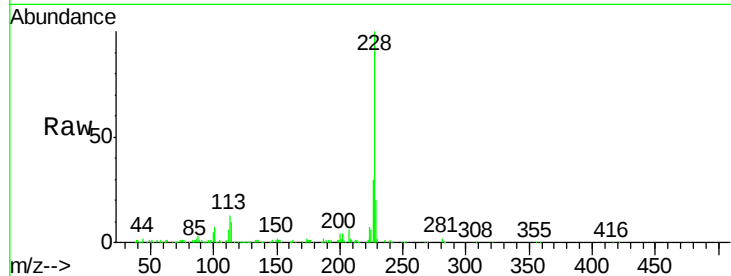




#85
Chrysene
Concen: 3.29 ng/ul
RT: 21.69 min Scan# 3208
Delta R.T. -0.01 min
Lab File: BG018458.D
Acq: 18 Aug 2015 11:04

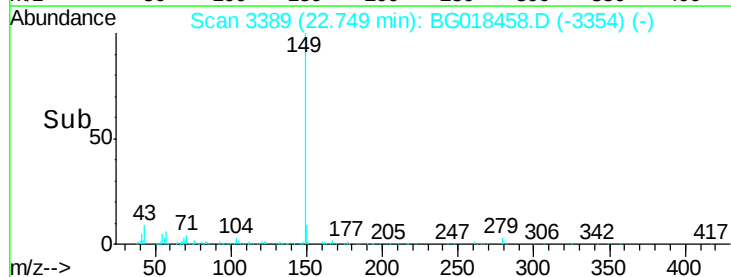
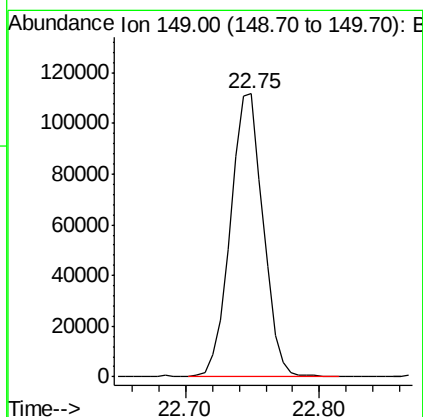
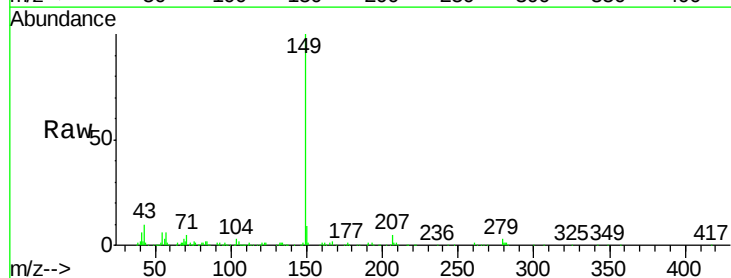
Instrument :
BNA_G
ClientSampleId :
MDL-02-S-ML

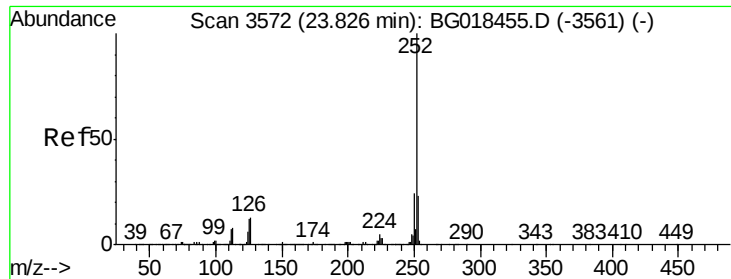
Tgt Ion:228 Resp: 160832
Ion Ratio Lower Upper
228 100
226 29.5 26.5 39.7
229 19.6 16.9 25.3



#87
Di-n-octyl phthalate
Concen: 3.57 ng/ul
RT: 22.75 min Scan# 3389
Delta R.T. 0.00 min
Lab File: BG018458.D
Acq: 18 Aug 2015 11:04

Tgt Ion:149 Resp: 190866





#88

Benzo(b)fluoranthene

Concen: 3.14 ng/ul

RT: 23.82 min Scan# 3571

Delta R.T. -0.01 min

Lab File: BG018458.D

Acq: 18 Aug 2015 11:04

Instrument :

BNA_G

ClientSampleId :

MDL-02-S-ML

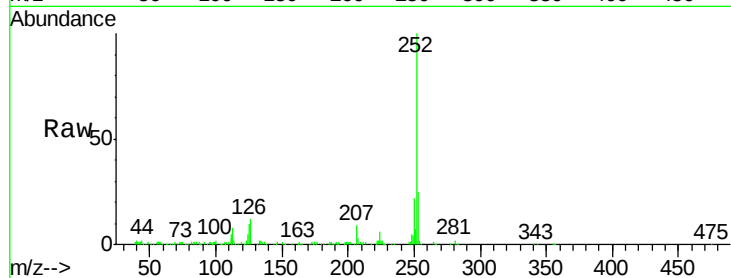
Tgt Ion:252 Resp: 163438

Ion Ratio Lower Upper

252 100

253 24.9 18.1 27.1

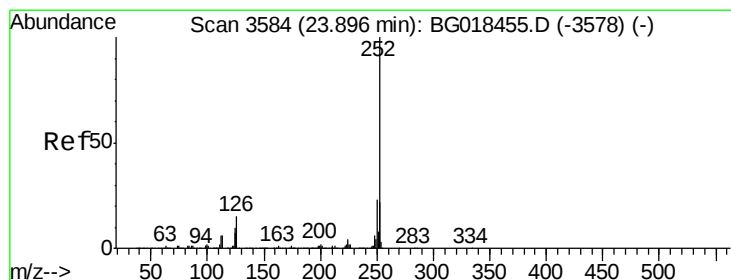
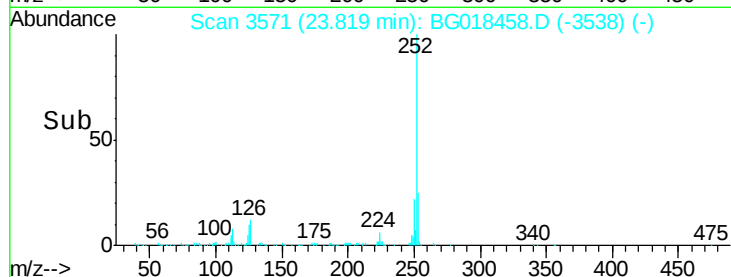
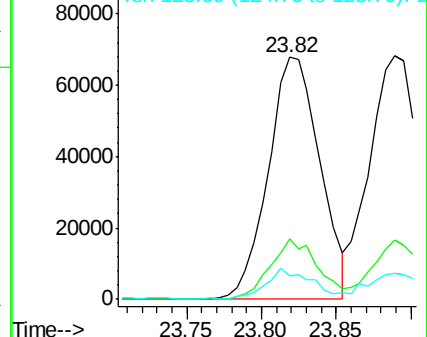
125 9.7 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 3.26 ng/ul

RT: 23.89 min Scan# 3583

Delta R.T. -0.01 min

Lab File: BG018458.D

Acq: 18 Aug 2015 11:04

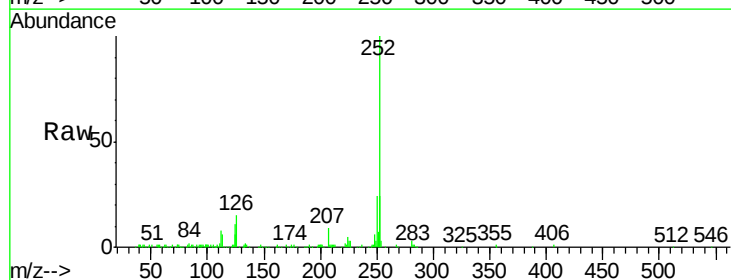
Tgt Ion:252 Resp: 163110

Ion Ratio Lower Upper

252 100

253 24.3 17.8 26.6

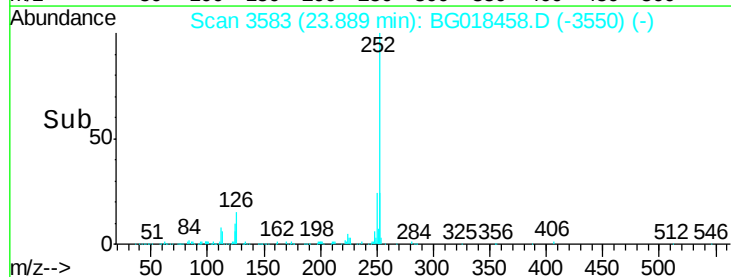
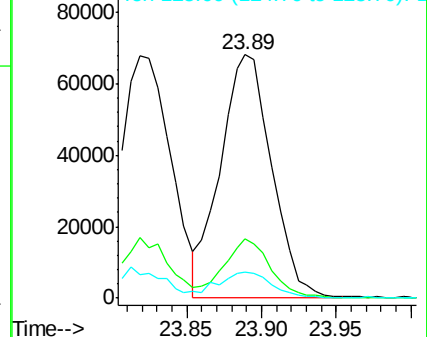
125 10.5 9.0 13.4

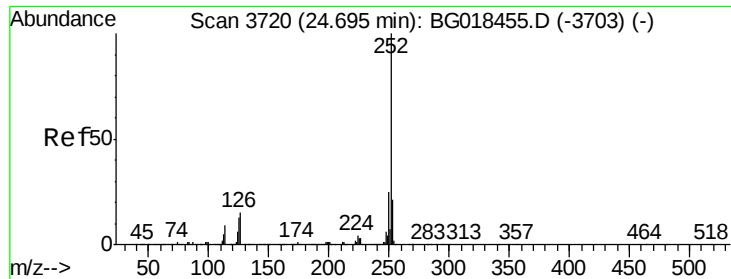


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 3.20 ng/ul

RT: 24.69 min Scan# 3719

Delta R.T. -0.01 min

Lab File: BG018458.D

Acq: 18 Aug 2015 11:04

Instrument :

BNA_G

ClientSampleId :

MDL-02-S-ML

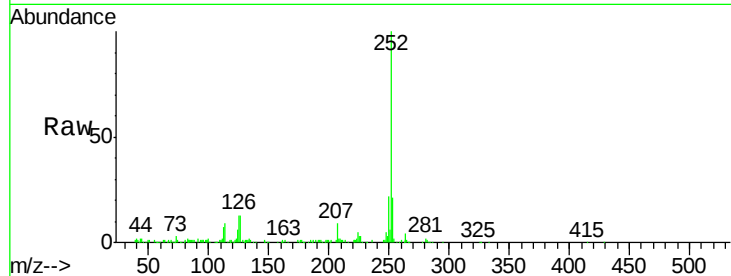
Tgt Ion:252 Resp: 158506

Ion Ratio Lower Upper

252 100

253 20.6 17.7 26.5

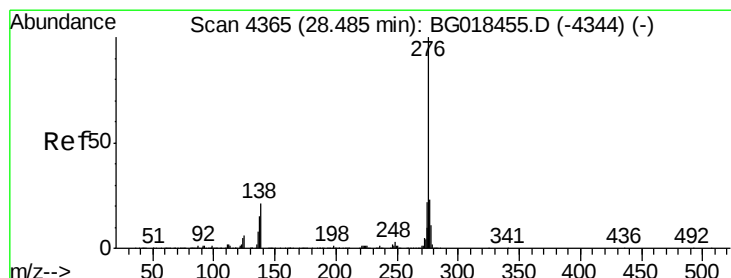
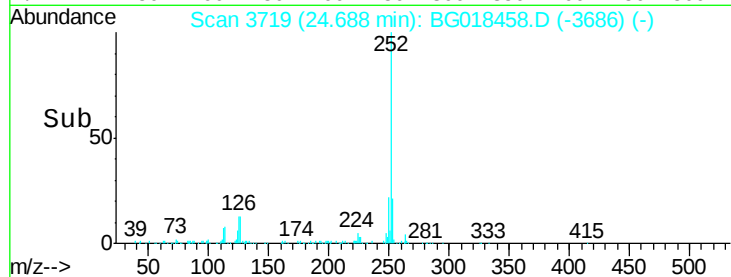
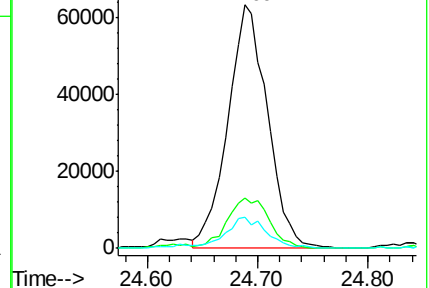
125 12.9 10.2 15.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92

Indeno(1,2,3-cd)pyrene

Concen: 3.02 ng/ul

RT: 28.47 min Scan# 4362

Delta R.T. -0.02 min

Lab File: BG018458.D

Acq: 18 Aug 2015 11:04

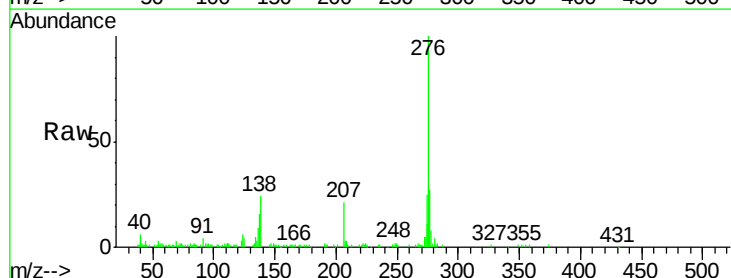
Tgt Ion:276 Resp: 172809

Ion Ratio Lower Upper

276 100

138 24.1 15.8 23.6#

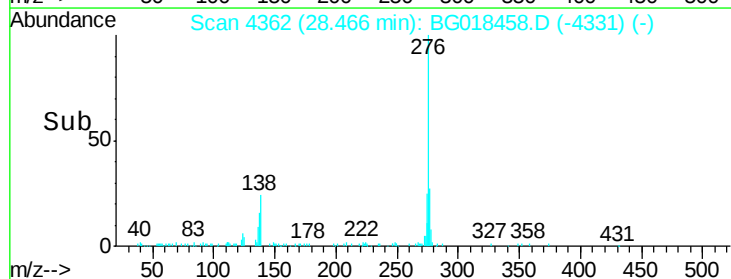
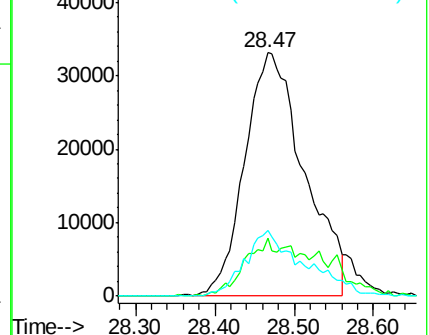
277 26.9 18.9 28.3

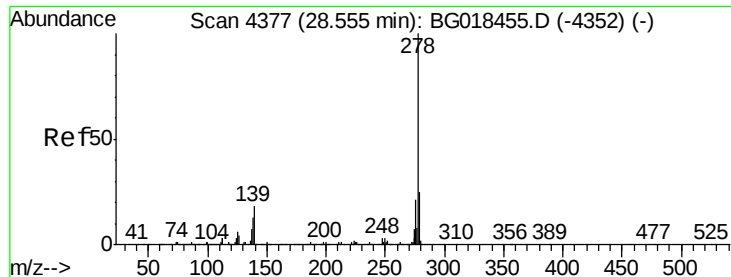


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Dibenzo(a,h)anthracene

Concen: 3.22 ng/ul

RT: 28.53 min Scan# 4373

Delta R.T. -0.02 min

Lab File: BG018458.D

Acq: 18 Aug 2015 11:04

Instrument :

BNA_G

ClientSampleId :

MDL-02-S-ML

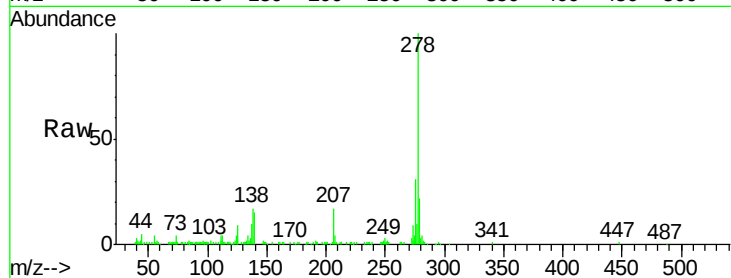
Tgt Ion:278 Resp: 152844

Ion Ratio Lower Upper

278 100

139 15.3 13.8 20.6

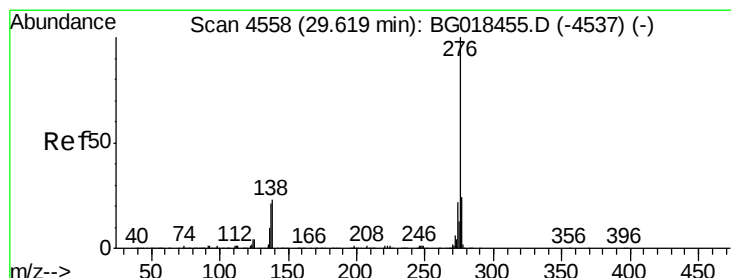
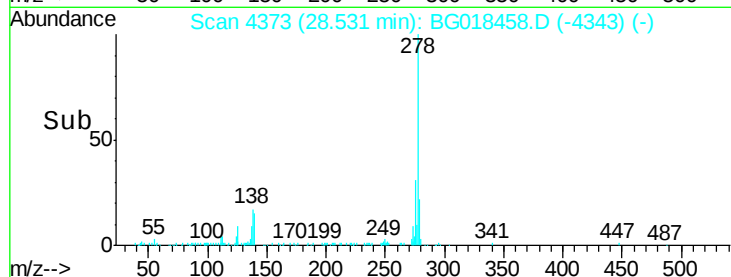
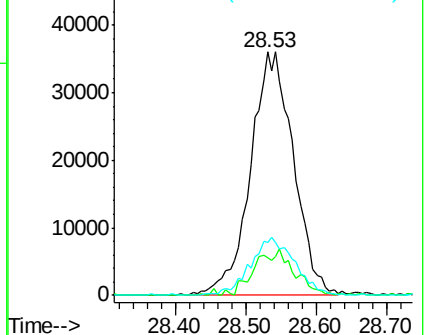
279 21.6 17.8 26.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#94

Benzo(g,h,i)perylene

Concen: 3.13 ng/ul

RT: 29.61 min Scan# 4557

Delta R.T. -0.01 min

Lab File: BG018458.D

Acq: 18 Aug 2015 11:04

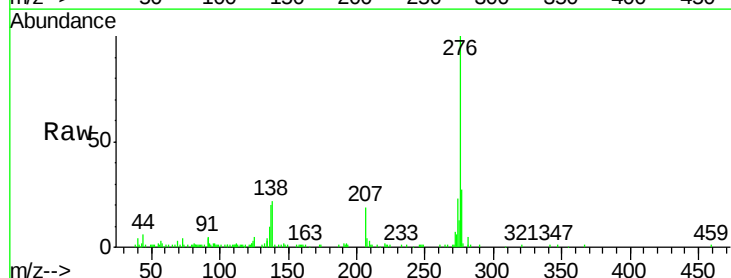
Tgt Ion:276 Resp: 150390

Ion Ratio Lower Upper

276 100

138 21.7 16.5 24.7

277 27.3 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

